

CoreCurriculumShowcase

March 25-26, 2008

Welcome

Dear Colleagues,

Welcome to the Core Curriculum Showcase.

The Showcase is a collaborative effort between the Office of Core Curriculum and the Office of Curriculum and Professional Development, Division of Teaching and Learning. We hope that this opportunity to preview next year's Core Curriculum materials will prove to be a helpful guide as you prepare to select and purchase curriculum materials for the 2008-2009 school year.

Core Curriculum materials are available for Mathematics, Science, Social Studies and English Language Arts. Our Department of ELA, Gifted and Talented and Social Studies, as well as our Department of Mathematics and Science, are here to share and discuss with you the Core Curriculum and the Core Curriculum materials.

In addition to the teams from these Core Curriculum areas, the Departments of Fitness and Health, Instructional Technology, Library Services, and Academic Intervention Services are participating in this year's Showcase, and are available to share with you the support services they can provide as well as to answer your questions about their areas.

Please use today as an opportunity to:

- 1) Learn about the Core Curriculum areas, resources and ordering guidelines
- 2) Explore the possibilities for rigorous, integrated, engaging and differentiated instructional and learning experiences for all of our students
- 3) Learn about the other curriculum and instructional areas represented here and how these areas can complement the Core Curriculum
- 4) Talk with all of the Departments within The Office of Curriculum and Professional Development about your ideas on how we can better serve you.

Going forward, we are committed to providing curriculum and professional development support that is targeted to your goals regarding student achievement. I invite you to contact me so that we can incorporate your ideas into our planning.

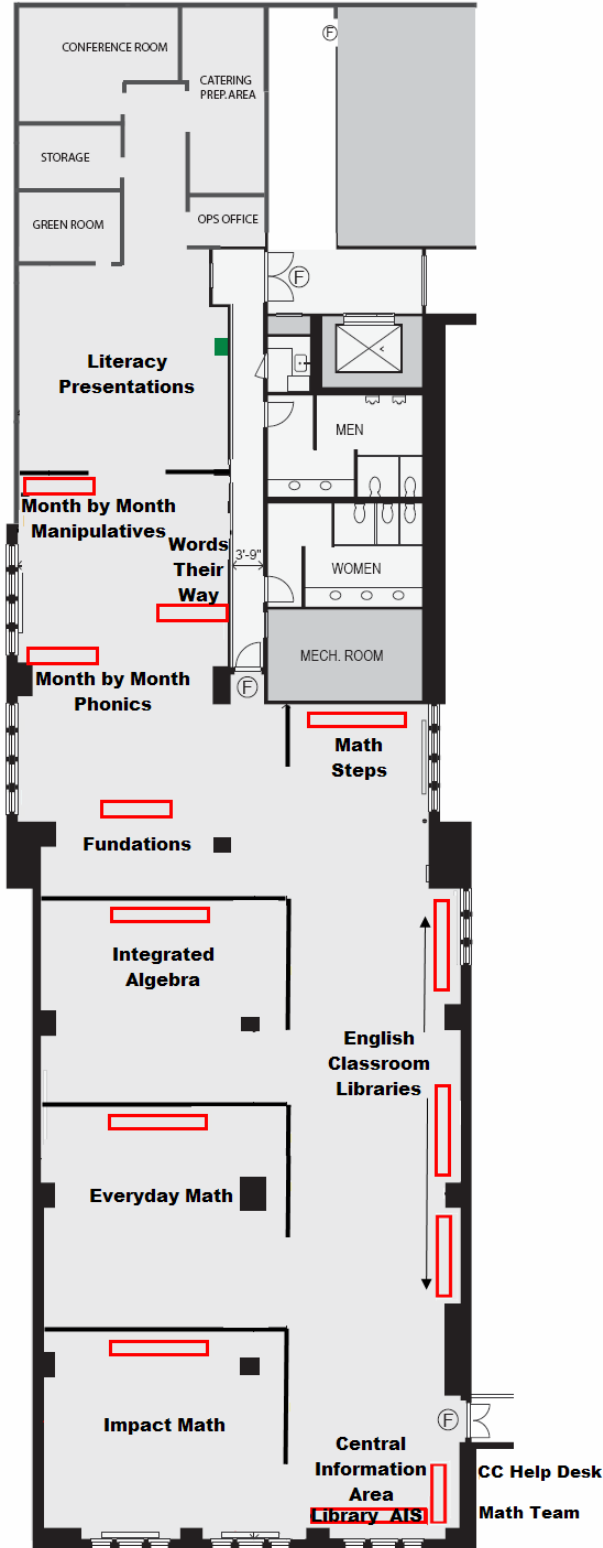
Enjoy the showcase.

Sabrina Hope King, Ed.D.
Chief Academic Officer
Office of Curriculum and Professional Development

Core Curriculum Showcase

March 25-26, 2008

Showcase Floor Plan, 4th Floor



CoreCurriculum

NEW IN 2008-2009

Social Studies

The New York City Department of Education is pleased to announce the city's first-ever Social Studies Core Curriculum. The new Social Studies curriculum will be implemented in grades 4 and 7 in the 2008-09 school year. The remaining grades (K, 1, 2, 3, 5, 6, and 8) will be rolled out in upcoming years.

Through the Social Studies Core Curriculum program, schools will receive:

1. Recommended curriculum materials aligned to both the NYS standards and the new NYC Social Studies Scope & Sequence (2008) (found at <http://schools.nyc.gov/Academics/SocialStudies/>)
2. Choice between using a textbook program or the trade book text sets
3. Choice of maps, atlases, and primary source kits
4. Professional development tailored to the new curriculum options and NYC Social Studies Scope & Sequence
5. Pacing calendars
6. Resources to help support teachers, administrators and parents
7. Materials in both English and Spanish in the textbook option
8. Central ordering and favorable group pricing
9. Delivery support and coordination
10. Custodial assistance in the movement of materials into classrooms
11. Participation in book buy back program
12. Help Desk support for any questions or delivery issues

Schools have a choice between two curriculum options, and should choose the one that best suits their school:

- **Option A: Comprehensive Textbook Program** with key trade books
- **Option B: Trade Book Text Sets** aligned to Units of Study

BOTH curriculum options include:

- Student Materials
- Teacher Materials
- Choice of maps, atlases, and primary source kits

The strongly recommended Social Studies Core Curriculum programs are:

	Elementary (Gr K-5)	Middle School (Gr 6-8)
Option A (Comprehensive Textbook Program)	Houghton Mifflin <i>Social Studies</i> (customized NYC edition)	Holt Social Studies <i>Eastern Hemispheres (6); US and NY History (7-8)</i> (customized NYC edition)
Option B (Trade Book Text Sets)	Trade Book Text Sets aligned to Units of Study	

Principals that would like to use materials other than the Core Curriculum recommended programs will be able to apply for a waiver through the Core Curriculum ordering tool (in the FAMIS portal) from April 7 – 18, 2008. Decisions will be emailed directly to applicant principals on April 28. Additional information on applying for a Social Studies waiver will be posted on the Core Curriculum intranet site and the Core Curriculum ordering tool.

Science

Revised implementation schedule

In response to school feedback, the implementation schedule for the NYC Science Core Curriculum initiative has been revised. New for 2008-09, Grades 5, 7, 8, and 8 accelerated will be implemented. Schools can order Science materials for these grades through the Core Curriculum ordering tool (in the FAMIS portal) from April 7 – May 2, 2008. Grades K-2 will be implemented in 2009-10.

Consumable replacements and kit refills for Grades 3, 4, and 6 (which were phased in last year, 2007-08) will also be available this year through the Core Curriculum ordering tool in the FAMIS portal.

Science classroom libraries

New science classroom libraries will be available in 2008-09 to supplement the new roll-out grades: Grades 5, 7, and 8. The Science classroom libraries were first introduced in 2007-08 with the introduction of the new NYC Science Core Curriculum initiative and were bundled with the Science options. The Science trade book libraries consist of recommended books that align with the NYC K-8 Scope and Sequence. The libraries are part of all options (kit, textbook, and kit/module blend), are the same across options, and are listed in the "Science" section of the Core Curriculum ordering tool.

Mathematics

Everyday Math (PreK-5)

Last year, the city upgraded from the 2nd to the 3rd Edition of Everyday Math and added Pre-Kindergarten. Starting this year, for 2008-09, schools will be able to purchase consumable replacements for the 3rd edition through the Core Curriculum ordering tool. Math Steps and Everyday Math Skills Link are optional, and will be available for purchase separately through the FAMIS Purchasing Portal E-Catalog.

Impact Math (6-8)

In 2008-09, in response to changes in New York State Math Standards, Core Curriculum is upgrading to the **3rd Edition of Glencoe's *Impact Mathematics***, which will align seamlessly to the state standards. **All** schools should order new 3rd Edition Impact Math Student and Teacher materials for **all** students and teachers in Grade 6-8. This applies to both existing classrooms and new classrooms. Schools do not need to order new manipulative kits (the kits from the previous edition are compatible with the new edition).

Integrated Algebra (9, 10, and 8 accelerated)

Last year, in response to changes in the NY State Math Standards, the city transitioned from Math A to Integrated Algebra. Starting this year, for 2008-09, schools will be able to purchase consumable replacements for Integrated Algebra through Core Curriculum.

English Language Arts (ELA)

For the 2008-09 school year, schools will be able to order consumable materials to replenish Core Curriculum literacy programs purchased in prior years and currently being used in classrooms. These include consumables for Pearson Words Their Way, Lakeshore literacy kits, and Wilson Foundations. Since the overwhelming majority of schools have purchased the associated non-consumables within the past two years, we are deferring additional purchases for a year. New schools opening in 2008-09 will be provided with new Core Curriculum literacy materials (both non-consumables and consumables) to fully support English Language Arts (ELA) instruction in grades K-3.

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Core Curriculum

Ordering

Ordering Calendar
Ordering Instructions
Additional Support
Frequently Asked Questions

OrderingCalendar

April	Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5	6
	7 Ordering Starts	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30				
	2008						

May	Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2 Ordering Ends Close of Business	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	
	2008						

Ordering Instructions

for Core Curriculum

Please read these instructions, the frequently asked questions (FAQs), and the Core Curriculum component descriptions before placing your order. These documents may be updated periodically, so please check the Core Curriculum intranet site (<https://www.nycboe.net/Instruction/Curriculum/Homepage.aspx>) regularly.

Ordering Overview

When

Core Curriculum ordering will begin on **Monday, April 7, 2008** and close at 5:00pm on **Friday, May 2, 2008**. Schools should make every effort to place their entire order by 5:00 pm on May 2nd.

Where

Schools can order Core Curriculum materials through the Core Curriculum ordering catalog located in the FAMIS web portal (<https://dfoforms.nycenet.edu/FamisPortal/>), under the Purchasing and Payments menu.








Who and How





Core Curriculum ordering is a two-step process that requires an Initiator and an Approver.

- **Initiators** place orders and add them to the order queue; they may also edit orders that have not yet been approved by the Approver.
- **Approvers** approve orders that are waiting in the order queue. Approvers cannot edit individual orders or place orders. Approvers are typically principals or assistant principals.



Instructions for INITIATORS

Placing an Order

- Log into the FAMIS web portal (<https://dfoforms.nycenet.edu/FamisPortal/>) with your normal FAMIS user ID and password. Select "Core Curriculum" from the Purchasing and Payments menu.
- Verify your location and contact information and select "Next" to continue onto ordering.
- Select the school-level (Elementary, Secondary, or High School) you are purchasing for.
- Select the program (e.g., Math, Science, Social Studies) you will purchase materials for.
- After selecting the program, please select the type of item you wish to purchase (e.g.,: Option A, Option B)
- Enter the quantity for all needed items, click  to add all items to the shopping cart. Be sure to hit  before navigating away from one ordering section to another otherwise your quantity will not be saved!
- Once you have added all the desired items to the shopping cart, you can select  to purchase in a different ordering section or  to view your order. Review your entire order to make sure that it is accurate; you have the option to change the quantity of items by clicking  or delete the item by clicking . Verify that the shipment and delivery information is correct.
- After verifying that you have added all the necessary items, Select  to add the order to the queue for the Approver to review. Submitting an order will generate a requisition number that you need to record and keep for reference.






- Note: You can still change an order after submitting it to the queue as long as it has not been approved by an Approver.
 - Click  to see the details of your order
 - Click  to the right of the item you wish to change
 - After clicking , you change an item's quantity by typing in the new quantity or delete an item by clicking . There is a comment box so you can explain the need for the change.
 - After changing an order, the initiator will receive an email notification of the change.

Checking the Status of an Order

- To check the status of an order you have submitted (i.e. whether it has been approved or not), click on  and reference your order number. Under the approval column you will see "Y" for approved and an "N" to hold or reject. You can click  to see the details of your order.

Instructions for APPROVERS

Approving or Rejecting an Order

- Log into the FAMIS web portal (<https://dfoforms.nycenet.edu/FamisPortal/>) with your normal FAMIS user ID and password. Select "Core Curriculum" from the Purchasing and Payments menu.
- Verify your location and contact information and select "Next" to continue onto order approval.
- Click  to see the queue of orders that have been submitted by Initiators.
- Review the details of a particular order by selecting  under the View Order Column.
- After reviewing an order, you can approve it by selecting  under the Edit Approval Column. There will be a drop-down menu for you to select either "Y" to approve or "N" to hold or reject.
- Once you have selected your approval option click  to update the status of the order, or  to undo any changes you might have made. Initiators will be able to see changes in order history when they are logged in.
- Note: initiators may modify orders in the queue before they are approved; however, after approval they can no longer edit their orders.

AdditionalSupport

for Core Curriculum Ordering

Core Curriculum Response Team

The Core Curriculum Response Team is available to help schools with ordering, delivery, and any other questions they may have regarding Core Curriculum. If you have any questions, please call the Response Team at (718) 935-3334, 8:00am-5:00pm, for immediate assistance or send an email to curriculum@schools.nyc.gov.

Webcasts

To further assist schools with Core Curriculum ordering, there will be three live **Core Curriculum Webcasts** where schools will have the opportunity to ask any questions they may have on Core Curriculum and receive answers. Schools can register for the webcasts at <http://www.learningtimes.net/dcpwebcasts>. Registration is required. The Core Curriculum Webcasts will be held on:

- Thursday April 3, 2008 9:30 AM
- Tuesday April 8, 2008 3:00 PM
- Monday April 28, 2008 9:30 AM

Principals Weekly and Purchasing Press

Please continue to check Principals Weekly and Purchasing Press newsletters for upcoming updates and information. Both newsletters can be found on the Division of Contracts and Purchasing Website at <http://schools.nyc.gov/Offices/DCP/default.htm>.

Frequently Asked Questions

for Core Curriculum

General Ordering Information

1. Where can I view the details of the Core Curriculum?

Please visit the Core Curriculum Intranet homepage at <https://www.nycboe.net/Instruction/Curriculum/Homepage.aspx>. Note: this page can only be accessed while on the DOE network.

2. When do I have to purchase these materials?

The ordering period will begin on Monday April 7, 2008 and end on Friday May 2, 2008 at 5:00 pm.

3. How do I order these materials?

You can place your orders on the Core Curriculum ordering application in the FAMIS web portal. Please refer to *Ordering Instructions* for details.

4. What should I do if I do not have access to the FAMIS portal?

Please email curriculum@schools.nyc.gov immediately and detail your situation.

5. What if I miss the May 2nd deadline for ordering?

Schools must make every effort to complete their ordering by this deadline. If a school has not complied, a representative from the Deputy Chancellor's office will send out reminder emails as well as follow up with phone calls if required.

6. When will the materials be delivered to my school? Are there any exceptions?

The three-week summer delivery window for Core Curriculum orders is scheduled for July 14 – August 1, 2008. During ordering, you will be required to specify a contact that will be responsible for accepting deliveries during the delivery window. It is important to ensure that the contact information provided is accurate and that the contact email and phone number is regularly checked, because vendors will use this information to inform schools of the exact delivery dates and number of boxes. Please continue to refer back to the Core Curriculum homepage and to the Principals' Weekly for updates.

Please note that the one possible exception to the summer delivery window is Delta Science (a Science program), which may arrive in a phased schedule throughout the school year, with the first unit arriving during the main summer delivery window. Please check the Core Curriculum intranet site in June for the final detailed Delta Science delivery schedule.

7. How many boxes will my school receive?

Each school will be able to check their expected delivery box count, by vendor and program, online. Box counts will be posted by early July 2008. Check the Core Curriculum intranet site in late June for the online box count application URL.

8. How will my school move and unpack the boxes of Core Curriculum?

When boxes arrive at your building, they will be labeled by vendor, program, grade, and type of material. All box labels will be color-coded by grade. The principal or designated representative should write the Classroom # on each box so that custodians can move them to the appropriate room where boxes should be unpacked prior to school opening.

9. How do I account for bridge classes (a classroom which includes students from different grade levels in the elementary and middle school levels)?

Schools should order the materials necessary to enable them to teach each child at his or her appropriate grade level. For example, a classroom comprised of eight 3rd graders and three 4th graders must buy math, science, social studies and literacy materials for eight 3rd graders and math, social studies, science and

literacy materials for three 4th graders and the corresponding classroom and teacher materials relevant to those grade levels.

10. Are there any special ordering guidelines for Special Education students?

All students in Special Education (students participating in standardized assessment) must participate in the Core Curriculum. Materials for these students must be ordered based on each student's instructional level. Please refer to Page 9 of the IEP (Individualized Education Plan) for modified criteria for ELA and/or Mathematics.

11. Should I order materials for GED?

No.

12. I'm a Reading First school. Can I still participate in the Core Curriculum?

Reading First schools can opt into the math, science, and social studies curriculum but not into the literacy curriculum.

13. What materials are available in the Spanish language?

There are Spanish language student materials in the following components: Literacy Kits, Everyday Mathematics, Math Steps, Impact Math, Integrated Algebra, Science and the new Social Studies textbook programs.

Budget

14. How will these materials be paid for?

Core Curriculum materials for the 2008-2009 school year will be purchased using a central budget. Schools will not be receiving a unique allocation for the purchase of this material.

Consistent with past practice, 60% of a participating school's FY2009 NYSTL allocation will be withheld to cover the cost of NYSTL-eligible Core Curriculum materials. If, at the end of ordering, the value of the NYSTL-eligible portion of a school's Core Curriculum order is less than the 60% withheld, the balance will be returned to the school. If the value of ordered materials is greater than the 60% withheld, no additional funds are taken from the school but they will not receive back any of their withholding.

Schools that waive out of any subject of Core Curriculum (Math, ELA, Science or Social Studies) will still have 60% of their NYSTL withheld to cover anticipated orders for the other subjects where they are opting in. For example, if a school waives out of Science, 60% of its NYSTL allocation will still be withheld to cover orders in Math, ELA, and Social Studies. If a school's total Core Curriculum order is ultimately less than the amount of NYSTL withheld, the school will get back the balance of the withholding.

15. How is the value of my order determined?

Orders for any NYSTL-eligible part of the Core Curriculum – Everyday Math, Math Steps, Literacy, Impact Math, Integrated Algebra, Science and Social Studies – will count towards the overall value of a school's Core Curriculum order and will thus impact the amount of NYSTL withholding returned to the school. Note: orders for ECLAS-2 materials and other non-NYSTL eligible items will not count against your NYSTL allocation.

16. Will schools have FY 2009 NYSTL monies for subjects other than Literacy, Mathematics, Science and Social Studies?

Yes, schools will still receive a NYSTL allocation. Please continue to refer to the Principals' Weekly for more details on NYSTL adjustments.

Waivers

ELA and Math

17. Does the exempt, waiver, or pass granted to my school in previous years for ELA and/or Math extend to Science or Social Studies?

No. Prior ELA and/or Math exempt, waivers, and passes are not extended to the new Science or Social Studies initiatives. Schools that would like to waive out of Social Studies Core Curriculum must apply specifically for a Social Studies waiver. See "Social Studies" below for additional information.

18. If my school is an exempt, waiver, or pass school (for ELA and/or Math), what materials are available to me for ordering?

Exempt schools may elect to order literacy, mathematics, social studies and/or science Core Curriculum materials. Any such orders must be consistent with the grade-appropriate guidelines set forth in the ordering directions. Note that NYSTL will be adjusted to account for centrally purchased Core Curriculum materials.

19. If my school was granted an exemption in ELA and/or Math, is it exempt this year?

Yes, schools that were exempt in ELA and/or Math in previous years are exempt this year.

20. If my school was granted a waiver or pass in ELA and/or Math, what is my status for the 2008-2009 school year?

Waivers and passes for ELA and/or Math are valid for the 2008-2009 school year. Schools with waivers and passes for ELA and/or Math are invited to implement Core Curriculum programs but are not required to, depending on the stipulations of their waiver or pass.

21. What must I order if my school received a waiver or a pass in ELA and/or Math?

You must order materials for the 2008-2009 school year in accordance with the stipulations of your waiver or pass in ELA and/or Math. For example, if you were granted a waiver or pass for literacy, you must place an order for mathematics, science and social studies.

22. What may I order if my school received a waiver or a pass?

A school may order materials for which it was granted a waiver or pass. For example, if you were granted a waiver or a pass for mathematics, you may order mathematics materials.

Science

23. My school applied for and was granted a waiver in Science in 2007-08. Does my Science waiver extend to this year?

Yes. Science waivers granted in 2007-08 extend to 2008-09 and apply to the entire grade span applied for (K-5 or 6-8). You do not need to apply for a new waiver for the new grades being rolled out this year (5, 7, 8, and 8 accelerated). Science waivers are applicable only to Science, and do not extend to other subjects.

24. Will there be a new Science waiver application process in 2008-09?

No. Science waivers granted last year will extend to this year, but there will be no new application process for science waivers in 2008-09.

Social Studies

25. Can my school apply for a waiver to use Social Studies materials other than the strongly recommended Social Studies Core Curriculum?

Yes. The application process will be available online on the initial "Select Your Location" page of the Core Curriculum ordering tool in the FAMIS purchasing portal. Only Principals will be able to view and access the Social Studies waiver application link.

26. What is the waiver option and what are its requirements?

Schools may apply to use an alternative program that is not one of the strongly recommended Core Curriculum programs. To use an alternative, schools must:

- show evidence of effective implementation of a social studies program and demonstrated growth in student performance;
- be aware of the DOE K-8 Social Studies Scope and Sequence (2008) and adjust their social studies curriculum accordingly;
- understand that students will be tested in Grades 5 & 8 by New York State;
- have a schedule that will reflect recommended instructional times for social studies (3 periods [135 minutes] for grades K-2; 4 periods [180 minutes] for grades 3-5; and, 5 periods [225 minutes] for grades 6-8); and
- understand that if a school is granted a waiver, it will not be able to order Social Studies Core Curriculum materials for 2008-09 or participate in Social Studies Core Curriculum professional development.

27. Who on a school's staff can submit an application for a Social Studies waiver?

Principals only. To submit a waiver application, Principals should log on to the Core Curriculum ordering tool in FAMIS and click on the waiver application link that will appear on the main "Select Your Location" page.

28. When can schools submit a waiver application? When will schools receive decisions?

Social Studies waiver applications can be submitted beginning April 7, 2008 and ending at 5:00pm on April 18, 2008. The Office of the Deputy Chancellor of Teaching & Learning will review the applications and notify schools of decisions by April 28, 2008. Schools will be able to order Core Curriculum Social Studies materials until May 2, 2008.

29. Will alternative social studies materials be available through the Core Curriculum ordering tool?

No. Schools that are granted a waiver and would like to purchase alternate social studies materials should order them on their own through the FAMIS Purchasing Portal e-Catalog.

New and Restructured Schools

30. I am a new school opening in September 2009. How do I order materials?

New schools opening in Fall 2009 are invited to participate in the Core Curriculum. The Core Curriculum Response Team will work with all new schools that opt into Core Curriculum (as provided to us by the Office of New Schools) to process their Core Curriculum orders. Please be sure that your school's contact information is on file with the Office of New Schools.

31. What should I do if I am phasing out a grade?

Please do not order Core Curriculum materials for grades you are phasing out.

32. What should I do if there was restructuring within my school?

Please distribute materials within the multiple schools located within your building based on material type and grade needed. Only order additional materials if the aggregate material quantity is not enough to meet anticipated registry or classes.

Materials

Social Studies

Please see the Social Studies section below.

Science

33. What Science materials do I order for next year?

For Grades 3, 4, and 6 (which were implemented last year), you should order consumable replacements, including kit refill packages to replenish items used last year. For Grades 5, 7, 8, and 8 accelerated (new in 2008-09), you should order new materials as indicated in the "Science" section below. You should order materials for the option your school selected last year.

34. Can I switch my Science option? For example, I selected Option C last year and would like to switch to Option A this year.

Schools that would like to *change* their science option (e.g., from Option C to Option A) may do so, but will need to pay for the cost of retrofitting their Grades 3, 4, and 6 from their own budgets. Schools switching options will be able to purchase only Grades 5, 7, 8, and 8 accelerated through the Core Curriculum ordering tool. Materials to retrofit grades 3, 4, and 6 can be purchased through the FAMIS Purchasing Portal e-Catalog. Please note that the Core Curriculum ordering application will automatically display the option your school chose last year.

Math: Grades PreK-5 (Everyday Math)

35. What Everyday Math materials do I order for next year?

You should order consumable student material replacements to replace those used last year. You should only order new student materials bundles for new classes or register growth.

36. Do I have to order the Everyday Math Skills Links workbooks?

No. The Skills Links workbooks are optional. They are available for Grades 1-5 and schools can purchase them through the FAMIS Purchasing Portal e-Catalog. A quick reference chart of the FAMIS item numbers will be posted soon on the Core Curriculum intranet site.

37. Do I have to order Math Steps materials?

No. Beginning in 2007-08 and continuing to 2008-09, Math Steps is optional, and is no longer bundled with new Everyday Math student or teacher materials. If your school would like to purchase Math Steps materials, you can purchase them separately through the FAMIS Purchasing Portal e-Catalog. A quick reference chart of the FAMIS item numbers will be posted soon on the Core Curriculum intranet site.

38. How do I replenish items in existing Everyday Math classroom manipulative and activity kits?

Through the FAMIS Purchasing Portal e-Catalog. A quick-reference chart of the FAMIS item numbers for the "a la carte" manipulative will be posted soon on the Core Curriculum intranet site.

39. Will calculators for Grades K-5 be ordered for the Everyday Math curriculum?

No. Calculators will not be purchased centrally for the schools. Please check the FAMIS Purchasing Portal E-Catalog for the calculators that are available for schools to purchase on their own.

Math, Grades 6-8 (Impact Math)

40. What Impact Math materials do I have to order for Grade 6 (Course 1), Grade 7 (Course 2) and Grade 8 (Course 3)?

In 2008-09, in response to changes in New York State Math Standards, the Department is upgrading to the 3rd Edition of *Impact Mathematics*, which will align seamlessly to the state standards. **All** schools should order new 3rd Edition Impact Math Student and Teacher materials for **all** students and teachers in Grade 6-8. This applies to both existing classrooms and new classrooms.

41. Do I need to order new manipulative kits?

Schools do not need to order new manipulative kits (the kits from the previous edition are compatible with the new edition). Additional manipulative kits may be ordered for new classes on a grade.

42. What Impact Math materials are available in Spanish?

The Impact Math student edition and *Hot Words, Hot Topics Quick Review Book* are available in Spanish.

43. Is the Impact Math Student Edition available in electronic format?

Yes, the online student edition is available to all students. Instructions on how to set your classroom up with online student edition access are included in the teacher resource package.

A CD-rom version of the Impact Mathematics Student Edition (Student Works) is also available. One copy is included with each new teacher materials bundle.

44. Will calculators for Grades 6-8 be ordered for the Impact Math curriculum?

No. Calculators will not be purchased centrally for schools. Please check the FAMIS Purchasing Portal E-Catalog for calculators that are available for schools to purchase on their own.

Math, Grades 9, 10, and 8 Accelerated (Integrated Algebra)

45. What Integrated Algebra materials should I order for 2008-09?

You should order consumable student material replacements (All-in-One Workbook and/or Brief Review workbook) to replace those used last year. You should only order new student materials bundles for new classes or register growth.

46. What grade levels qualify to use Integrated Algebra materials?

Integrated Algebra materials are only for students in Grades 9-10 who take the Integrated Algebra Course, and for 8th grade students in accelerated math courses.

47. What Integrated Algebra materials are available in Spanish?

The Integrated Algebra student textbook and comprehensive brief review books are available in Spanish. The All-in-One student workbook is not available in Spanish, but schools may order the *Adapted* version of the All-in-One workbook for English Language Learners.

48. Is the Integrated Algebra student edition available in electronic format?

Yes, the online student edition is available to all students. Instructions on how to set your classroom up with online student edition access are included in the teacher resource package.

A CD-Rom version of the Integrated Algebra Student Edition (StudentExpress CD-ROM) is also available. One copy is included with each new teacher materials bundle. Teachers can obtain additional student edition CD-Roms by requesting them directly from Pearson Prentice Hall.

49. Will calculators be ordered for the Integrated Algebra curriculum?

No. Calculators will not be purchased centrally for schools. Please check the FAMIS Purchasing Portal E-Catalog for calculators that are available for schools to purchase on their own.

Literacy Kits (K-3)

50. What literacy materials should I order for 2008-09?

For the 2008-09 school year, schools will be able to order consumable materials to replenish Core Curriculum literacy programs purchased in prior years and currently being used in classrooms. These include consumables for Pearson Words Their Way, Lakeshore literacy kits, and Wilson Foundations. Since the overwhelming majority of schools have purchased the associated non-consumables within the past two years, we are deferring additional purchases for a year.

New schools opening in 2008-09 will be provided with new Core Curriculum literacy materials (both non-consumables and consumables) to fully support English Language Arts (ELA) instruction in grades K-3.

51. I am a new school. How do I choose which literacy program to use?

Please refer to the "Grade K-3 Word Study Core Curriculum Programs" documentation created by Teaching and Learning. The document can be found on the Core Curriculum intranet homepage and in the "ELA" section of this booklet. The following programs are highly recommended:

- **Month by Month Phonics and Literacy Kits (K-3)**
- **Words Their Way (K-3)**
- **Wilson Foundations (K-2)**

Classroom Libraries

52. How do I order classroom libraries?

Classroom libraries in English will be available for purchase in the FAMIS Purchasing Portal e-Catalog. A quick reference chart of the FAMIS item numbers will be posted soon on the Core Curriculum intranet site. Please review *A Teacher's Guide to Classroom Libraries* before ordering and use it as a guide when selecting classroom libraries. The guides can be found on the Core Curriculum intranet site.

53. How can I order the High School Social Studies classroom library modules this year?

The Grades 9-12 Social Studies modules will be available for purchase in the FAMIS Purchasing Portal e-Catalog. A quick reference chart of the FAMIS item numbers will be posted soon on the Core Curriculum intranet site.

54. Where do I order the new Science trade book libraries?

The new Science trade book libraries are listed in the "Science" section of the Core Curriculum ordering tool. The trade book libraries are bundled with the other science materials. Look for "Science trade book library" in the Item Description.

ECLAS-2

55. What ECLAS-2 materials can I order?

Schools can order ECLAS-2 kits for new classes with more than 15 students. Any class with less than 15 students must share an ECLAS-2 kit with another class. Consumable materials can also be ordered for kits used last year, including the checklists, folders, and set of books. Please note that orders will be compared against the quantity of materials that were delivered to your school in previous years and will be revised if necessary.

Core Curriculum Components:

Social Studies

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SocialStudies

Introduction

The Department of Social Studies is the primary source of information for educators in New York City schools for research, collection and dissemination of best practices, and the creation of instructional tools for Social Studies. We offer a wide variety of professional development opportunities for educators and administrators. The Department partners with many cultural organizations and institutions, as well as national experts in the field, in an effort to bring you high quality services and support.

We are very proud to introduce at this Showcase our complete draft of the new *NYCDOE Social Studies Scope and Sequence 2008* and Core Curriculum programs for grades K-8. You can pick up a copy at our booth and view the recommended programs in the vendor areas. We are presently working with the selected Core vendors to ensure that all Social Studies materials are fully aligned to the NYC Scope and Sequence.

The new Social Studies Scope and Sequence and Core Curriculum programs will be implemented during the 2008-09 school year in grades 4 and 7, with additional grades in upcoming years. We welcome your thoughts and ideas on any of our materials and services, including the new Scope & Sequence and Core Curriculum programs, and look forward to serving your needs. You can reach us at socialstudies@schools.nyc.gov and find more information, including the new Scope and Sequence, on the Social Studies webpage at <http://schools.nyc.gov/Academics/SocialStudies/>.

Social Studies

Core Curriculum Overview 2008-09

The New York City Department of Education is pleased to introduce Social Studies into city's Core Curriculum. This K-8 initiative will first be implemented in Grades 4 and 7 for 2008-09. Grades K, 1, 2, 3, 5, 6 and 8 will be added in upcoming years.

Through the Social Studies Core Curriculum program, schools will receive:

13. Recommended curriculum materials aligned to both the NYS standards and the new NYC Social Studies Scope & Sequence (2008) (found on the Social Studies website at <http://schools.nyc.gov/Academics/SocialStudies/>).
14. Choice between using a textbook program or trade book text sets
15. Choice of maps, atlases and primary source kits
16. Professional development tailored to the new curriculum options and NYC Social Studies Scope & Sequence
17. Pacing calendars
18. Resources to help support teachers, administrators and parents
19. Materials in both English and Spanish in the textbook option
20. Central ordering and favorable group pricing
21. Delivery support and coordination
22. Custodial assistance in the movement of materials into classrooms
23. Participation in book buy back program
24. Help Desk support for any questions or delivery issues

Schools have a choice between two curriculum options, and should choose the one that best suits their school:

- **Option A: Comprehensive Textbook Program** with some trade books
- **Option B: Trade Book Text Sets** aligned to Units of Study

All options include student materials, teacher materials, and an allocation for primary source kits, maps, and atlases. Option A (the Comprehensive Textbook Program) will include a Social Studies trade book classroom library.

In Year 1 of the initiative, 2008-09, principals will choose the option that best suits their entire school, for the grade spans K-5 and 6-8. In subsequent years, schools will be able to purchase materials for the additional grades (K, 1, 2, 3, 5, 6 and 8) within the option that they choose this year.

Schools that would like to *change* their Social Studies option in future years (e.g., from Option A – Comprehensive Textbook Program to Option B – Trade Book Text Sets) may do so, but will need to pay for the cost of retrofitting their Grades 4 and 7 from their own budgets.

Elementary Social Studies

Ordering - Grade 4

In Grade 4, schools will have a choice of two Social Studies options: Comprehensive Textbook Program and Trade Book Text Sets. The options are displayed below:

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
Grade 4	Native Americans: First Inhabitants of New York State	Three Worlds Meet	Colonial And Revolutionary Periods	The New Nation	Growth And Expansion	Local And State Government
<i>Option A: Comprehensive Textbook Program</i>	Grade 4 Houghton Mifflin <i>Social Studies</i> (customized New York City edition)					
<i>Option B: Trade Book Text Sets</i>	Grade 4 Trade Book Text Set					

In Year 1 of the initiative, 2008-09, principals will choose the option that best suits their entire school, for the grade span K-5. In subsequent years, schools will be able to purchase materials for the additional grades (K, 1, 2, 3, and 5) within the option that they choose this year.

For Grade 4, **all** schools should order new Grade 4 social studies student and teacher materials for **all** students and teachers. This applies to both existing classrooms and new classrooms.

Schools with previous editions of Houghton Mifflin textbooks should order new Grade 4 student and teacher materials for all students and teachers, as the new New York City edition is customized to align with the new scope and sequence.

What to Order

ALL Classrooms (Grade 4)

Option A: Comprehensive Textbook Program

- 1 Gr. 4 Houghton Mifflin Social Studies Student Materials per student
- 1 Gr. 4 Houghton Mifflin Social Studies Teacher Materials bundle per teacher

Option B: Trade Book Text Set

- 1 Gr. 4 Trade Book Text Set Classroom and Teacher Materials per class

Realia Materials

Schools will receive a per class allocation with which to purchase maps, atlases and primary source kits. Schools should choose, from a menu of options, those materials that best suit their school's needs. A full list of supplemental primary source kits and maps that are available for schools to purchase through their allocation will be posted on the Core Curriculum intranet site.

Detailed Item Descriptions

Option A: Comprehensive Textbook Program

Houghton Mifflin Social Studies Student Materials include:

- Houghton Mifflin NYC Social Studies Student Edition
- Student eBook

Houghton Mifflin Social Studies Teacher Materials and Classroom Resources include:

- Houghton Mifflin NYC Teacher Edition
- eTeacher Edition
- Reading Integration Guide
- NYC All-in-One Practice Book
- Practice Book TAE (Blackline Masters)
- NY Test Prep and Assessment (Blackline Masters) and Answer Key
- NYC Interactive Transparencies
- Desk Maps
- Language Acquisition Cards for ELL
- Houghton Mifflin Primary Source Realia Kit
- Houghton Mifflin NYC Social Studies Leveled Book Collection
- Houghton Mifflin Leveled Books Online
- Social Studies Activity Flip Chart
- Audio Student's Book with Primary Sources and Songs CD
- Lesson Planner and Teacher Resource CD-ROM
- Test Generator CD-ROM

Social Studies Trade Book Libraries are a core set of classroom libraries of Teaching & Learning recommended trade books that supplement and are aligned to the NYC Scope and Sequence for Social Studies. They are included in Option A.

Spanish: The Houghton Mifflin Social Studies student edition is available in Spanish (for Option A). Please order as needed.

Option B: Trade Book Text Set-based

Trade Book Text Set Classroom and Teacher Materials are collections of trade books that span several reading levels and are designed to support the learning of students with a range of experiences and interests. A text-set collection for each unit includes a variety of titles on the same topic. Each Option B set includes:

- Full classroom set of aligned and leveled trade books with multiple copies of core titles
- Teacher support materials

Secondary Social Studies

Ordering - Grade 7

In Grade 7, schools will have a choice of two Social Studies options: Comprehensive Textbook Program and Trade Book Text Sets. The options are displayed below:

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Grade 7	A Clash of Cultures: Natives and Newcomers	Colonial America and The American Revolution	A New Nation	A Nation Grows	Civil War and Reconstruction
<i>Option A: Comprehensive Textbook Program</i>	Grade 7 Holt Social Studies: US and NY History, Beginnings to 1877 (customized NYC edition)				
<i>Option B: Trade Book Text Sets</i>	Grade 7 Trade Book Text Set				

In Year 1 of the initiative, 2008-09, principals will choose the option that best suits their entire school, for the grades 6-8. In subsequent years, schools will be able to purchase materials for the additional grades (Gr 6, 8) within the option that they choose this year.

For Grade 7, **all** schools should order new Grade 7 social studies student and teacher materials for **all** students and teachers. This applies to both existing classrooms and new classrooms.

Schools with previous editions of Holt textbooks should order new Grade 7 student and teacher materials for all students and teachers, as the new New York City edition is customized to align with the new scope and sequence.

What to Order

ALL Classrooms (Grade 7)

Option A: Comprehensive Textbook Program

- 1 Gr. 7 Holt Social Studies: US and NY History, Beginnings to 1877 Student Materials per student
- 1 Gr. 7 Holt Social Studies: US and NY History, Beginnings to 1877 Teacher Materials bundle per teacher

Option B: Trade Book Text Set-based

- 1 Gr. 7 Trade Book Text Set Classroom and Teacher Materials per class

Realia Materials

Schools will receive a per class allocation with which to purchase maps, atlases and primary source kits. Schools should choose, from a menu of options, those materials that best suit their school's needs. A full list of supplemental primary source kits and maps that are available for schools to purchase through their allocation will be posted on the Core Curriculum intranet site.

Detailed Item Descriptions

Option A: Textbook-based

Holt Social Studies Student Materials include:

- Holt Social Studies Student Edition (*US and NY History for Grade 7*) (available in English and Spanish)
- Thinking About Reading Content Workbook
- NY Student One Stop (eBook)
- NY Interactive Online Student Edition
- NY Interactive Reader and Study Guide

Gr. 7 Holt Social Studies Teacher Materials and Classroom Resources include:

- Holt Social Studies Teacher Edition (*US and NY History* for Grade 7)
- NY Resource Files with Answer Key
- NY Differentiated Instruction Teacher Management System
- NY Progress Assessment Support System with Answer Key
- NY Transparencies
- NY Geography's Impact Video Program DVD
- NY Differentiated Instruction Modified Worksheets and Tests CD-ROM with Answer Key
- NY Power Presentations with Video CD-ROM
- NY Teacher's One-Stop Planner® CD-ROM
- Quiz Game CD-ROM
- Alternative Assessment Handbook
- Graphic Organizer Transparencies with Support for Reading and Writing
- Holt Student World Atlas
- Holt Student World Atlas Activities with Answer Key
- English-Language Learner Strategies and Activities
- Interactive Skills Tutor CD-ROM
- Document-Based Questions Activities
- Document-Based Questions Activities, Answer Key
- American Music Audio CD Program
- Democracy and Civic Education Resources Kit
- NY Spanish/English Interactive Reader and Study Guide
- Pre-AP Activities Guide for United States History with Answer Key
- Experiencing American History
- Reading Like a Historian Toolkit
- Quick Facts Transparencies for Review
- History's Impact: United States History Video Program DVD
- Political Cartoons Activities for United States History with Answer Key
- American History Simulations CD-ROM & User's Guide for Macintosh® and Windows®
- American History Outline Maps
- Primary Source Instructional Kit

Social Studies Trade Book Libraries are a core set of classroom libraries of Teaching & Learning recommended trade books that supplement and are aligned to the NYC Scope and Sequence for Social Studies. They are included in Option A.

Spanish: The Holt Social Studies Student Edition is available in Spanish (for Option A). Please order as needed.

Option B: Trade Book Text Set-based

Trade Book Text Set Classroom and Teacher Materials are collections of trade books that span several reading levels and that are designed to support the learning of students with a range of experiences and interests. A text-set collection for each unit includes a variety of titles on the same topic. Each Option B set includes:

- Full classroom set of aligned and leveled trade books with multiple copies of core titles
- Teacher support materials

Core Curriculum Components:

Science

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Science

Introduction

The New York City Department of Education is in the midst of an ambitious effort to support improved science education in our schools. A key component of this is Chancellor Klein's \$60 million K-8 Science Core Curriculum Initiative. Grades 3, 4, and 6 started to use the new materials in September 2007; Grades 5, 7, and 8 (including Grade 8 accelerated classes) will start in September 2008; and Grades K-2 will start in September 2009. To support middle and high school science, there is also a multi-million dollar effort under way to improve the quality and quantity of science laboratory facilities at numerous schools across the City.

What's New in Science?

- Grades 5, 7, 8 and grade 8 accelerated classrooms can order core curriculum materials for September 2008.
- Grades K-2 will implement the new curriculum in September 2009.
- The new Part D of the Earth Science Regents will be administered this June.
- This year, for the first time, middle school students' 8th grade science Regents scores will be included in school's performance index for the purposes of state and NCLB accountability. For more information, please review the State Education Department's SIRS users manual at www.emsc.nysed.gov/irts/SIRS/home.shtml. [From the Principal's Weekly 3/18/08].
- The K-8 Science Scope and Sequence has been revised. It can be found online under Educator Resources at <http://schools.nyc.gov/Academics/Science>.
- The revised Science Safety Manual, Grades K-12 will be online before the end of the school year.
- The revised Exit Project Guide for middle schools will be online before the end of the school year.
- We have a monthly science newsletter that will help keep you up to date on the latest news and events in the NYC science community. If you want to be added to our distribution list, contact Roy Harris (rharris2@schools.nyc.gov).
- Summer professional development for the new grades (5, 7, 8 and 8 accelerated) to be added to the science core curriculum will take place this summer and continue to be offered throughout the next school year. Limited professional development opportunities for grades 3, 4 and 6 will also be offered.
- Coming this summer! Online PD modules for all core curriculum programs in math and science! Information will be shared through the Principal's Weekly, the Department website and our monthly newsletters. Visit our website: <http://schools.nyc.gov/Academics/science/EducatorResources> or contact our office at 212/374-0703 for more information.
- For information on current professional development offerings in Science, go to: <http://schools.nyc.gov/Academics/Science/EducatorResources>.

Science Events

- NYC FIRST Robotics Competition will be held at the Jacob Javits Convention Center on April 5 & 6
- The Annual Science Council of NYC (SCONYC) Conference will be held at Stuyvesant High School on April 12
- The World Science Festival will be held in locations throughout the city May 28 through June 1
- The Urban Advantage Grade 8 Science Exit Project Expo will be held at the American Museum of Natural History on Saturday, June 14
- The New York City Waterfalls will be unveiled in the summer of 2008 and continue through mid-October 2008.

Science

Core Curriculum Overview

The New York City Department of Education is pleased to move into the second year of the city's Science Core Curriculum. This K-8 initiative was first rolled out in 2007-08 with Grades 3, 4, and 6. Grades 5, 7, 8, and 8 accelerated will be added this upcoming year, 2008-09. Grades K-2 will be implemented in 2009-10.

Through the Science Core Curriculum initiative, schools receive:

- Recommended curriculum materials aligned to both the NYS standards and the new NYC Science Scope & Sequence (2007). Go to: <http://schools.nyc.gov/Academics/Science/StandardsCurriculum> and click on NYC K-8 Science Scope and Sequence
- Choice between using kit-based programs, textbooks with investigations, or a combination of the two
- Recommended trade book libraries
- Supplies for investigations and lab activities
- Professional development tailored to the new curriculum options and NYC Science Scope & Sequence (2007)
- Planning Guides
- Resources to help support teachers, administrators and parents
- Materials in both English and Spanish
- Central ordering and greatly discounted group pricing
- Assistance in refilling kits and replacing consumable materials
- Delivery support and coordination
- Custodial assistance in the movement of materials into classrooms
- Help Desk support for any questions or delivery issues

Schools have a choice between three curriculum options:

- Option A: Kit-based
- Option B: Textbook-based
- Option C: Blend of kits and text-based modules

All options include:

- Student materials,
- Teacher materials,
- Manipulative materials needed for hands-on science investigations, and
- Science trade book classroom libraries.

In Year 1 of the initiative, 2007-08, principals chose the option that best suited their entire school, for the grade spans K-5 and 6-8. In Year 2, schools will be able to purchase materials for the new grades (5, 7, 8, and 8 accelerated) within the option chosen last year.

Schools that would like to *change* their science option (e.g., from Option C to Option A) may do so, but will need to pay for the cost of retrofitting their Grades 3, 4, and 6 from their own budgets. Schools switching options will be able to purchase only the new 2008-09 grades through the Core Curriculum ordering tool; materials to retrofit grades 3, 4, and 6 should be purchased through FAMIS e-Catalog.

A detailed outline of the recommended programs, for each grade and unit of study, is available on the Department of Science's website at <http://schools.nyc.gov/Academics/Science/StandardsCurriculum/> (click on "Core Curriculum science materials"). Additional teaching resources, including planning guides, online program resources, and professional development opportunities, are also available on the Science website at <http://schools.nyc.gov/Academics/Science/EducatorResources/>.

Elementary Science

Ordering - Grades 3-5

In Grades 3-5, schools have a choice of three Science options: kit-based, textbook-based, and a blend of kits and texts. The options are displayed below:

	Unit 1	Unit 2	Unit 3	Unit 4
Grade 3	<i>Matter</i>	<i>Energy</i>	<i>Simple Machines</i>	<i>Plant and Animal Characteristics</i>
<i>Option A: Kit-based</i>	FOSS Measurement	FOSS Physics of Sound	DSM Force & Motion	FOSS Structure of Life
<i>Option B: Textbook-based</i>	Harcourt New York City <i>Science</i>			
<i>Option C: Combination of Kits and Text-based Modules</i>	FOSS - Measurement	Harcourt <i>Science</i> Module	DSM Force & Motion	Harcourt <i>Science</i> Module

Grade 4	<i>Animals and Plants In Their Environment</i>	<i>Electricity and Magnetism</i>	<i>Properties of Water</i>	<i>Interactions of Air, Water and Land</i>
<i>Option A: Kit-based</i>	DSM <i>Food Chains and Food Webs</i>	FOSS <i>Magnetism and Electricity</i>	FOSS <i>Water</i>	DSM <i>Earth Movements</i>
<i>Option B: Textbook-based</i>	Harcourt New York City <i>Science</i>			
<i>Option C: Combination of Kits and Text-based Modules</i>	DSM <i>Food Chains and Food Webs</i>	Harcourt <i>Science</i> Module	FOSS <i>Water</i>	Harcourt <i>Science</i> Module

Grade 5	<i>The Nature of Science</i>	<i>Earth Science</i>	<i>Food and Nutrition</i>	<i>Exploring Ecosystems</i>
<i>Option A: Kit-based</i>	FOSS <i>Variables</i>	FOSS <i>Landforms</i>	FOSS <i>Food and Nutrition</i>	FOSS <i>Environments</i>
<i>Option B: Textbook-based</i>	Harcourt New York City <i>Science</i>			
<i>Option C: Combination of Kits and Text-based Modules</i>	FOSS <i>Variables</i>	Harcourt <i>Science</i> Module	FOSS <i>Food and Nutrition</i>	Harcourt <i>Science</i> Module

In Year 1 of the initiative, 2007-08, principals chose the option that best suited their entire school, for the K-5 grade span. For Year 2, 2008-09, schools will be able to purchase materials for the new grade being implemented (Gr 5) within the option chosen last year.

For Grade 5, **all** schools should order new Grade 5 science student and teacher materials for **all** students and teachers. This applies to both existing classrooms and new classrooms. For Grades 3 & 4, schools should order consumable replacements and kit refills for items used last year.

Schools that would like to *change* their science option (e.g., from Option C to Option A) may do so, but will need to pay for the cost of retrofitting their Grades 3 & 4 from their own budgets. Schools switching options will be able to purchase only Grade 5 through the Core Curriculum ordering tool. Materials to retrofit grades 3 & 4 should be purchased through FAMIS e-Catalog.

Schools that already own some of the recommended materials may adjust their order accordingly.

- For the Harcourt textbooks and modules (Options B and C), simply order the number of materials still needed (for example, if your school has 100 5th grade students and you already own 100 Harcourt *Science* 5th grade textbooks but do not have any manipulative kits, then order only the manipulatives).
- For the Delta FOSS & DSM kit bundles (Options A and C), you will be able to click to a separate page where you can identify which and how many of the recommended kits you already own. When you “Checkout,” the value of the materials you indicate you already own will be automatically deducted from your order total, and the identified materials will be deducted from your shipment.

What to Order

Existing Register / Classrooms

Grades 3-4 (consumable replacement)

Option A: Kit-based

- 1 Delta Refill Kit, by kit and per class, as needed (if you did not use all consumable materials last year, then adjust your order accordingly)
- 1 Consumable Delta Student Sheet Set per student (includes copies of the Delta student sheets)
- 1 composition book per student (for science notebooking)

Option B: Textbook-based

- 1 Harcourt Science Refill Kit per class as needed (if you did not use all consumable materials last year, then adjust your order accordingly)
- 1 composition book per student (for science notebooking)

Option C: Combination of Kits and Text-based Modules

- 1 Delta Refill Kit, by kit and per class, as needed (if you did not use all consumable materials last year, then adjust your order accordingly)
- 1 Harcourt Science Refill Kit per class as needed (if you did not use all consumable materials last year, then adjust your order accordingly)
- 1 Consumable Delta Student Sheet Set per student (includes copies of the Delta student sheets)
- 1 composition book per student (for science notebooking)

Grade 5 (new in 2008-09)

Option A: Kit-based

- 1 Gr. 5 FOSS Full-Year Classroom Set and Science Trade Book Library per classroom

Option B: Textbook-based

- 1 Gr. 5 Harcourt Science Full-Year Student Materials per student
- 1 Gr. 5 Harcourt Science Full-Year Teacher Materials and Science Trade Book Library per teacher
- 1 Gr. 5 Harcourt Science Full-Year Equipment Kit per class

Option C: Combination of Kits and Text-based Modules

- 1 Gr. 5 FOSS, Unit 1 & 3 Classroom Set (includes Full-Year Science Trade Book Library) per class
- 1 Gr. 5 Harcourt Science, Unit 2 & 4 Student Materials per student
- 1 Gr. 5 Harcourt Science, Unit 2 & 4 Teacher Materials per teacher
- 1 Gr. 5 Harcourt Science, Unit 2 & 4 Equipment Kit per class

New Register / Classrooms

Grade 3

Option A: Kit-based

- 1 Gr. 3 FOSS-DSM Full-Year Classroom Set and Science Trade Book Library per classroom

Option B: Textbook-based

- 1 Gr. 3 Harcourt Science Full-Year Student Materials per student
- 1 Gr. 3 Harcourt Science Full-Year Teacher Materials and Science Trade Book Library per teacher
- 1 Gr. 3 Harcourt Science Full-Year Equipment Kit per class

Option C: Combination of Kits and Text-based Modules

- 1 Gr. 3 FOSS-DSM, Unit 1 & 3 Classroom Set (includes Full-Year Science Trade Book Library) per class
- 1 Gr. 3 Harcourt Science, Unit 2 & 4 Student Materials per student
- 1 Gr. 3 Harcourt Science, Unit 2 & 4 Teacher Materials per teacher
- 1 Gr. 3 Harcourt Science, Unit 2 & 4 Equipment Kits per class

Grade 4

Option A: Kit-based

- 1 Gr. 4 FOSS-DSM Full-Year Classroom Set and Science Trade Book Library per classroom

Option B: Textbook-based

- 1 Gr. 4 Harcourt Science Full-Year Student Materials per student
- 1 Gr. 4 Harcourt Science Full-Year Teacher Materials and Science Trade Book Library per teacher
- 1 Gr. 4 Harcourt Science Full-Year Equipment Kit per class

Option C: Combination of Kits and Text-based Modules

- 1 Gr. 4 FOSS-DSM, Unit 1 & 3 Classroom Set (includes Full-Year Science Trade Book Library) per class
- 1 Gr. 4 Harcourt Science, Unit 2 & 4 Student Materials per student
- 1 Gr. 4 Harcourt Science, Unit 2 & 4 Teacher Materials per teacher
- 1 Gr. 4 Harcourt Science, Unit 2 & 4 Equipment Kits per class

Grade 5 (new in 2008-09)

Same as Existing Classrooms/Register above.

Detailed Item Descriptions

FOSS-DSM Full-Year Classroom Set and Science Trade Book Library (Option A) includes:

Grade 3

- Unit 1: 1 FOSS Measurement kit
- Unit 2: 1 FOSS Physics of Sound kit
- Unit 3: 1 DSM Force and Motion kit
- Unit 4: 1 FOSS Structure of Life kit
- 1 Gr. 3 Science Trade Book Library

Grade 4

- Unit 1: 1 DSM Food Chains and Food Webs kit
- Unit 2: 1 FOSS Magnetism and Electricity kit
- Unit 3: 1 FOSS Water Kit
- Unit 4: 1 DSM Earth Movements
- 1 Gr. 4 Science trade book library

Grade 5

- Unit 1: 1 FOSS Variables kit
- Unit 2: 1 FOSS Landforms kit
- Unit 3: 1 FOSS Food and Nutrition Kit
- Unit 4: 1 FOSS Environments kit
- 1 Gr. 5 Science trade book library

FOSS-DSM, Unit 1 & 3 Classroom Set and Full-Year Science Trade book Library (Option C) includes:

Grade 3

- Unit 1: 1 FOSS Measurement kit

Grade 4

- Unit 1: 1 DSM Food Chains and

Grade 5

- Unit 1: 1 FOSS Variables kit

- Unit 3: 1 DSM Force and Motion kit
- 1 Gr. 3 Science Trade Book Library
- Food Webs kit
- Unit 3: 1 FOSS Water Kit
- 1 Gr. 4 Science trade book library
- Unit 3: 1 FOSS Food and Nutrition Kit
- 1 Gr. 5 Science trade book library

All FOSS and DSM Kits (Option A & C) include:

- 32 Student Books
- 1 Teacher Guide and resources
- Materials for all activities in each unit
- *Note: Additional Teacher Guides as well as Spanish Student Books, if needed, can be ordered separately and are available through the Core Curriculum ordering application.*

All Delta Refill Kits (Option A & C) include replacements for all consumable science items in the original kit.

All Consumable Delta Student Sheet Sets (Option A & C) include copies of all Delta student sheets for the corresponding kit.

All Composition Books (Option A, B & C) include a blank composition book that students can use for science notebooking.

Harcourt Science Student Materials (Option B & C) include:

- 1 Harcourt Science Full-Year or Unit Module Student Edition
- 1 Student eBook

Harcourt Science Teacher Materials (Option B & C) include:

- Harcourt Science Teacher Edition
- ePlanner
- All-in-One CD-ROM for planning
- Assessment Guide
- Teaching Resources Book
- Teaching Transparencies
- Audiotext Collection
- Lab Manual SE
- Lab Manual TE
- Reading Support Homework Book SE
- Reading Support Homework Book TE
- ESL Component
- Electronic Teaching Transparencies CD-ROM single computer pack
- Activity DVD Collection {1 DVD each of Life, Earth, & Physical}
- NY Test Prep SE & TE

Harcourt Science Equipment Kits (Option B & C) include:

- Materials for all required and some auxiliary in-class activities

Harcourt Science Refill Kits (Option B & C) include replacements for all consumable science items in the original equipment kit.

Science Trade Book Libraries are classroom libraries of recommended trade books that supplement and are aligned to the NYC Scope and Sequence for science. They are included in every option and are the same across options.

Spanish: Student materials are available in Spanish. Please order as needed.

Secondary Science

Ordering – Grades 6-8

In Grades 6-8, schools have a choice of three Science options: kit-based, textbook-based, and a blend of kits and texts. The options are displayed below:

	Unit 1	Unit 2	Unit 3	Unit 4
Grade 6	<i>Simple and Complex Machines</i>	<i>Weather</i>	<i>Diversity of Life</i>	<i>Interdependence</i>
<i>Option A: Kit-based</i>	FOSS <i>Levers and Pulleys</i>	FOSS <i>Weather & Water</i>	FOSS <i>Populations and Ecosystems</i>	
<i>Option B: Textbook-based</i>	Glencoe <i>Science</i> Textbook			
<i>Option C: Combination of Kits and Text-based Modules</i>	Glencoe <i>NY Science</i> Module	Glencoe <i>NY Science</i> Module	FOSS <i>Populations and Ecosystems</i>	

	<i>Geology</i>	<i>Interaction Between Matter and Energy</i>	<i>Dynamic Equilibrium: The Human Animal</i>	<i>Dynamic Equilibrium: Other Organisms</i>
<i>Option A: Kit-based</i>	Lab-Aids SEPUP: <i>Rocks & Minerals; Plate Tectonics</i>	FOSS <i>Chemical Interactions</i>	Lab-Aids SEPUP <i>Body Works</i>	Delta customized kit
<i>Option B: Textbook-based</i>	Glencoe <i>Science</i> Textbook			
<i>Option C: Combination of Kits and Text-based Modules</i>	Glencoe <i>NY Science</i> Module	FOSS <i>Chemical Interactions</i>	Lab-Aids SEPUP <i>Body Works</i>	Glencoe <i>NY Science</i> Module

	<i>Reproduction, Heredity and Evolution</i>	<i>Forces and Motion on Earth</i>	<i>Earth, Sun, Moon System</i>	<i>Humans in Their Environment: Needs & Tradeoffs</i>
<i>Option A: Kit-based</i>	Lab-Aids SEPUP: <i>Our Genes, Ourselves; Evolution</i>	Lab-Aids SEPUP: <i>Force and Motion</i>	FOSS <i>Planetary Science</i>	Student exit projects
<i>Option B: Textbook-based</i>	Glencoe <i>Science</i> Textbook			
<i>Option C: Combination of Kits and Text-based Modules</i>	Lab-Aids SEPUP: <i>Our Genes, Ourselves; Evolution</i>	Lab-Aids SEPUP: <i>Force and Motion</i>	Glencoe <i>NY Science</i> Module	Student exit projects

In Year 1 of the initiative, 2007-08, principals chose the option that best suited their entire school, for the 6-8 grade span. For Year 2, 2008-09, schools will be able to purchase materials for the new grades being implemented (Grades 7-8) within the option chosen last year.

For Grades 7-8, **all** schools should order new Grade 7-8 science student and teacher materials for **all** students and teachers. This applies to both existing classrooms and new classrooms. For Grade 6, schools should order consumable replacements and kit refills for items used last year.

Schools that would like to *change* their science option (e.g., from Option C to Option A) may do so, but will need to pay for the cost of retrofitting their Grade 6 from their own budgets. Schools switching options will be able to purchase only Grades 7-8 through the Core Curriculum ordering tool. Materials to retrofit Grade 6 should be purchased through FAMIS e-Catalog.

Schools that already own some of the recommended materials can adjust their order accordingly.

- For the Glencoe textbooks and modules (Options B and C), simply order the number of materials still needed (for example, if your school has 100 6th grade students and you already own 100 Glencoe *Science* 6th grade textbooks but do not have the manipulative kits, then order only the manipulatives).
- For the Delta FOSS kit bundles (Options A and C), you will be able to click to a separate page where you can identify which and how many of the recommended kits you already own. When you “Checkout,” the value of the materials you indicate you already own will be automatically deducted from your order total, and the identified materials will be deducted from your shipment.

What to Order

Existing Classrooms / Register

Grade 6 (consumable replacement)

Option A: Kit-based

- 1 Delta Refill Kit, by kit and per class, as needed (if you did not use all consumable materials last year, then adjust your order accordingly)
- 1 Consumable Delta Student Sheet Set per student (includes copies of the Delta student sheets)
- 1 composition book per student (for science notebooking)

Option B: Textbook-based

- 1 Gr. 6 Glencoe *NY Science* Full-Year Consumable kit per class as needed (if you did not use all consumable materials last year, then adjust your order accordingly)
- 1 Glencoe consumable student materials per student
- 1 composition book per student (for science notebooking)

Option C: Combination of Kits and Text-based Modules

- 1 Delta Pop & Ecosystems Refill Kit per class, as needed (if you did not use all consumable materials last year, then adjust your order accordingly)
- 1 Gr. 6 Glencoe *NY Science* Units 1&2 Consumable Kit per class as needed (if you did not use all consumable materials last year, then adjust your order accordingly)
- 1 Consumable Delta Student Sheet Set per student (includes copies of the Delta student sheets)
- 1 Glencoe consumable student materials per student
- 1 composition book per student (for science notebooking)

Grades 7-8 (new in 2008-09)

Option A: Kit-based

- 1 Lab-Aids / Delta Full-Year Classroom Set and Science Trade Book Library per teacher
The Full-Year Classroom Set is a bundle of all the Lab-Aids and Delta kits needed for the year
- Additional Lab-Aids / Delta student books per student, as needed (note: 32 student books already included in each kit; only order additional student books if needed)
- 1 composition book per student (for science notebooking)

Option B: Textbook-based

- 1 Glencoe *NY Science* Full-Year Student Materials per student
- 1 composition book per student (for science notebooking)
- 1 Glencoe *NY Science* Full-Year Teacher Materials, Science Trade Book Library and Non-Consumable Kit per teacher
- 1 Glencoe *NY Science* Full-Year Consumable kit per class

Option C: Combination of Kits and Text-based Modules

- 1 Glencoe *NY Science*, Unit Student Materials per student

- 1 composition notebook per student (for science notebooking)
- 1 Glencoe *NY Science*, Unit Teacher Materials and Non-Consumable kit per teacher
- 1 Glencoe *NY Science*, Consumable kit per class
- 1 Lab-Aids / Delta Unit set and Science Trade Book Library per teacher
The Unit Classroom Set is a bundle of all the Lab-Aids and Delta kits needed for the indicated units
- Additional Lab-Aids / Delta student books per student, as needed (note: 32 student books already included in each kit; only order additional student books if needed)

New Classrooms / Register

Grade 6

Option A: Kit-based

- 1 Gr. 6 FOSS Full-Year Classroom Set and Science Trade Book Library per teacher
The Full-Year Classroom Set is a bundle of all kits needed for the year and includes:

1 FOSS <i>Levers and Pulleys</i> kit	1 FOSS <i>Populations and Ecosystems</i> kit
1 FOSS <i>Weather and Water</i> kit	1 Gr. 6 Science Trade Book Library

Option B: Textbook-based

- 1 Gr. 6 Glencoe *NY Science* Full-Year Student Materials per student
- 1 Gr. 6 Glencoe *NY Science* Full-Year Teacher Materials, Science Trade Book Library and Non-Consumable Kit per teacher
- 1 Gr. 6 Glencoe *NY Science* Full-Year Consumable kit per class

Option C: Combination of Kits and Text-based Modules

- 1 Gr. 6 Glencoe *NY Science*, Unit 1 & 2 Student Materials per student
- 1 Gr. 6 Glencoe *NY Science*, Unit 1 & 2 Teacher Materials and Non-Consumable kit per teacher
- 1 Gr. 6 Glencoe *NY Science*, Unit 1 & 2 Consumable kit per class
- 1 Gr. 6 FOSS Populations and Ecosystems set and Science Trade Book Library per teacher

Grades 7-8 (new in 2008-09)

Same as Existing Classrooms/Register above.

Detailed Item Descriptions

FOSS Kits (Option A & C) include:

- 32 Student books
- 1 Teacher Guide and preparation video
- Materials for all activities in each unit
- *Note: Additional Teacher Guides, if needed, can be ordered separately and are available through the Core Curriculum ordering application. Spanish translation of the student books will be available online.*

Delta Refill Kits (Gr. 6, Option A & C) include replacements for all consumable science items in the original kit.

All Consumable Delta Student Sheet Sets (Option A & C) include copies of all Delta student sheets for the corresponding kit.

All Composition Books (Option A, B & C) include a blank composition book that students can use for science notebooking.

Lab-Aids Kits (Option A & C) include:

- Complete Materials package, with enough material for 160 students, with up to 32 students using it at a time
- 32 Student books

- Student worksheets
- 1 Teacher Guide with CD-Rom
- *Note: Additional Teacher Guides, if needed, can be ordered separately and are available through the Core Curriculum ordering application. Spanish translation of the student books will be available online.*

Glencoe NY Science new Student Materials (Option B & C) include:

- Glencoe *NY Science* SE
- StudentWorks Plus CD-ROM
- "Take Home Science Notebook" SE (consumable)
- Review Workbook, SE (consumable)

Glencoe NY Science Teacher Materials and Non-Consumable Kits (Option B & C) include:

- Glencoe *NY Science* TE
- Glencoe *NY Science* TeacherWorks
- Chapter Resources (Fast Files #1-11)
- Color Transparencies
- Reading Essentials SE
- Reading Essentials TE (with answer key)
- "Take Home Science Notebook" SE
- "Take Home Science Notebook" TE
- Review workbook TE
- Transparencies for review
- Reading and Writing Activities, TE
- English Language Learner's Strategies for Science
- Home and Community Involvement in the Science Classroom
- Dinah Zike's Teaching Science/Math with Foldables™
- Dinah Zike's Teaching Science w/ Foldables CD-ROM
- Interactive Chalkboard CD-ROM
- ExamView Assessment Suite CD-Rom
- Lab Manager CD-ROM
- Super DVD (Mindjogger and Video Labs)

Glencoe Science Non-consumable Kits include:

- Non-consumable (reusable) materials for all required and some auxiliary in-class activities

Glencoe Science Consumable Kits (Option B & C) include:

- Consumable materials for all required and some auxiliary in-class activities

Science Trade Book Libraries are classroom libraries of recommended trade books that supplement and are aligned to the NYC Scope and Sequence for science. They are included in every option and are the same across options.

Spanish: Glencoe student materials are available in Spanish; please order as needed. Lab-Aids and Delta student books are available in Spanish online only.

Secondary Science

Ordering – Grade 8 Accelerated

For Grade 8 accelerated classrooms, schools have a choice of two Regents courses: Living Environment and Earth Science. Schools can purchase Grade 8 Accelerated materials regardless of which option they choose for their lower grades. The materials available are:

	Grade 8 Accelerated
<i>Living Environment</i>	Holt <i>New York Biology: The Living Environment</i>
<i>Earth Science</i>	Holt <i>New York Earth Science: The Physical Setting</i>

What to Order

Living Environment classrooms (8 accelerated)

- 1 Holt Biology New York, The Living Environment, Student Materials per student (available in English or Spanish)
- 1 Holt Biology New York, The Living Environment, Teacher Materials Package per teacher
 - *OPTIONAL*: a supplemental Spanish teacher's bundle is available

Earth Science classrooms (8 accelerated)

- 1 Holt Earth Science New York, The Physical Setting, Student Materials per student (available in English only)
- 1 Holt Earth Science New York, The Physical Setting, Teacher Materials Package per teacher
 - *OPTIONAL*: a supplemental Spanish teacher's bundle is available

Detailed Item Descriptions

Living Environment

Holt Biology New York, The Living Environment, Student Materials include 1 each of the following:

- New York Student Edition
- New York Interactive Online Edition with Student One Stop
- Note-Taking Workbook

Holt Biology New York, The Living Environment, Teacher Materials Package includes 1 each of the following:

- New York Teacher's Edition
- New York Chapter Resources (includes 25 Chapter Resource Files plus the Program Introduction Resource)
- Special Needs Activities and Modified Tests with Answer Keys
- Lab Manual for Skills Practice and Inquiry Labs, Level A
- Lab Manual for Skills Practice and Inquiry Labs, Level B
- Lab Manual for Quick Labs, Study Guide
- Holt Science Laboratory Manager's Professional Reference
- Holt Science Skills Workshop: Reading in the Content Area Student Edition
- Holt Science Skills Workshop: Reading in the Content Area Teacher's Edition
- Multilingual Glossary for Biology
- Holt Science, Biology Transparencies (CD-ROM)
- Graphic Organizer Transparencies
- New York Guided Reading Audio CD Program

- New York Regents Review Transparencies
- Teacher's One-Stop Planner® CD-ROM
- Lab Generator (CD-ROM)
- Chapter Resources CD-ROM
- Visual Concepts CD-ROM
- Holt Science Dissection Labs CD-ROM
- MindPoint Quiz Show CD-ROM
- Interactive Reader
- Interactive Reader Answer Key
- Holt Science Biology Video Labs (DVD)
- Virtual Investigations CD-ROM

Holt Biology New York, The Living Environment, Teacher Spanish Supplemental Materials (Spanish) is a supplemental teacher bundle to support instruction in Spanish. It includes 1 each of the following:

- Spanish Assessments for Holt Biology
- Spanish Holt Biology Study Guide
- NY Spanish Guided Reading Audio Program CD

Earth Science

Holt Earth Science New York, The Physical Setting, Student Materials include 1 each of the following:

- New York Student Edition
- New York Interactive Online Edition with Student One Stop
- Study Guide

Holt Earth Science New York, The Physical Setting, Teacher Materials Package includes 1 each of the following:

- New York Teacher's Edition
- Chapter Resources (includes 30 chapter Resource Files and the Program Introduction Resource File)
- Directed Reading Workbook
- Holt Science Laboratory Manager's Professional Reference
- Holt Science Skills Workshop: Reading in the Content Area, Student Edition
- Holt Science Skills Workshop: Reading in the Content Area, Teacher's Edition
- Long-Term Projects with Answer Key
- Teaching Transparencies and Worksheets with Answer Key
- Lab Generator CD-ROM
- Teacher's One-Stop Planner
- Chapter Resources on CD-ROM for Macintosh and Windows
- Transparencies on CD-ROM for Macintosh and Windows
- Earth Science Videotape [VHS]
- Visual Concepts CD-ROM for Macintosh and Windows
- MindPoint Quiz Show CD-ROM

Holt Earth Science New York, The Physical Setting, Teacher Spanish Supplemental Materials (Spanish) is a supplemental teacher package to help support instruction in Spanish. It includes 1 each of the following:

- Spanish Assessments for Holt Earth Science
- Spanish Earth Science Study Guide
- Spanish Earth Science Chapter Summaries Audio CD

Core Curriculum Components:

Mathematics

Introduction

Elementary (PreK-5):
Everyday Math & Math Steps

Secondary (6-8):
Impact Math

High School (9-10):
Integrated Algebra

Mathematics

Introduction

The City's mathematics program takes a balanced approach, focusing on what students need to know, and the processes and skills necessary to reason, solve problems, and think critically.

Beginning in September 2003, NYC schools implemented a citywide core curriculum in mathematics for grades Pre-K through 10, based on the New York Standards. Elementary schools implemented *Everyday Mathematics*, complemented by *Math Steps*. Middle schools implemented *Impact Mathematics*, and high schools implemented *Prentice Hall New York Math A* for 9th graders and 10th graders taking Algebra and for accelerated 8th graders.

The 3rd Edition of Wright Group McGraw-Hill's *Everyday Mathematics* program, including Pre-K, was implemented in September 2007. The Pearson Prentice Hall *Integrated Algebra* program was implemented beginning in September 2007. The first Integrated Algebra Regents will be administered in June 2008.

What's New in Mathematics in 2008-09?

- Impact Math
 - The 3rd Edition of Glencoe McGraw-Hill's *Impact Mathematics* program will be implemented in September 2008.
- Geometry
 - The new NY State Geometry Core Curriculum will be implemented beginning in September 2008.
 - The first Geometry Regents will be administered in June 2009.
 - A High School Math Committee convened by the Department of Mathematics to review and evaluate high school Geometry textbooks will release its recommendations shortly
- Professional Development
 - Coming this summer! Online PD modules for all core curriculum programs in math and science! Information will be shared through the Principal's Weekly, the Department website and our monthly newsletters. Visit our website: <http://schools.nyc.gov/Academics/Mathematics/EducatorResources> or contact our office at (212) 374-0703 for more information.
 - For information on current professional development offerings in mathematics, go to: <http://schools.nyc.gov/Academics/Mathematics/EducatorResources>
- *Figures*
 - *Figures* is our monthly math newsletter that will help keep you up to date on the latest news and events in the NYC math community. If you want to be added to our distribution list, contact Ronald Schwarz (rschwarz@schools.nyc.gov)

Math Events

- NYU cSplash! Math Festival for high school students – March 29 – Courant Institute of NYU
- NYC Mathematics Project's 17th Annual Conference – April 5 – Lehman College
- NYC FIRST Robotics Competition – April 5 & 6 – Jacob Javits Convention Center
- Structuring Success in Mathematics for ELLs: The Academic language Factor – April 16 – Marriott NYC at Brooklyn Bridge

ElementaryMath

Everyday Math – Grades Pre-K - 5

Last year, Core Curriculum upgraded all Everyday Math textbooks from the 2nd to 3rd edition and added pre-Kindergarten materials. For 2008-09, existing classrooms should order 3rd Edition Everyday Math Consumable Student materials. For new classrooms, schools should order new Student and Teacher materials, including manipulative kits.

In 2008-09, Math Steps and Everyday Math Skills Link are optional. Schools that would like to purchase these workbooks can do so through the FAMIS Purchasing Portal e-Catalog. A reference chart of the FAMIS item numbers for Math Steps and Everyday Math Skills Links will be posted soon on the Core Curriculum intranet site at <https://www.nycboe.net/instruction/curriculum/homepage.aspx>.

Additional information on Everyday Math and Math Steps materials is available on the Department of Mathematics website at <http://schools.nyc.gov/Academics/Mathematics/>.

What to Order

Existing classrooms / register

- Everyday Math Consumable Student Materials set (3rd Ed) per student

New classrooms / register

- Everyday Math new Student Materials set (3rd Ed) per student
- Everyday Math new Teacher Materials set (3rd Ed) per teacher
- Everyday Math new Classroom Manipulatives bundle per classroom

Detailed Item Descriptions

Everyday Math Student Materials include the following (Consumable bundles include only consumable items):

Pre-K

- Mathematics at Home Books 1, 2, & 3 (consumable)

Gr. K

- My First Math Book (consumable)
- Mathematics at Home Books 1, 2, 3, & 4 (consumable)
- Home Links (consumable)

Gr. 1-2

- My Reference Book (hardcover)
- Journals 1 & 2 (consumable)
- Home Links (consumable)
- Pattern block template

Gr. 3

- Student Reference book (hardcover)
- Journals 1 & 2 (consumable)
- Home Links (consumable)
- Pattern Block Template

Gr. 4-5

- Student Reference book (hardcover)
- Journals 1 & 2 (consumable)
- Study Links (consumable)
- Pattern Block Template

Everyday Math Teacher Materials include the McGraw-Hill Everyday Math Classroom Resource Package plus the Interactive Teacher Guide CD-ROM. For detailed information on the components included in the classroom resource package, go to <http://www.wrightgroup.com/index.php/componentfeatures?isbn=007608972X>.

Spanish Everyday Math Masters Guides are available for separate ordering at all grade levels. The Spanish Math Masters Guide is intended for teachers in Spanish bi-lingual classrooms but may also be ordered for ESL teachers, AIS, and math coaches. (Note: the English Math Masters Guide is included in new Teacher Materials bundles. The 3rd edition of the Spanish Math Masters Guide does not include Spanish student assessment sheets. PDFs of these Spanish assessments are available from the Department of Math.)

Everyday Math Classroom Manipulatives include the basic classroom manipulative kit and skills kit (note: there is no skills kit for Grade K). Full component lists for the classroom manipulatives can be found on the Core Curriculum intranet site.

Math Steps (available in the FAMIS e-Catalog)

Math Steps Student Materials are available in the FAMIS e-Catalog in both English and Spanish and consist of the Math Steps student workbook, which is consumable. Math Steps Sample Pages can be found at <http://www.eduplace.com/state/ny/textbook/mathsteps/>.

Math Steps Teacher Materials are available in the FAMIS e-Catalog in English and consist of the teacher's guide to the student Math Steps book.

Note: All Everyday Math materials ordered will count towards the overall calculation of a school's Core Curriculum order value.

SecondaryMath

Impact Math – Grades 6-8

In 2008-09, Core Curriculum is upgrading all Impact Math textbooks from the 2nd to 3rd edition. **All** schools should order new 3rd Edition Impact Mathematics Student and Teacher materials for all students and teachers. This applies to both existing classrooms and new classrooms. Schools do not need to order new manipulative kits.

Additional information on Impact Math materials is available through the Department of Mathematics website at <http://schools.nyc.gov/Academics/Mathematics>.

What to Order

ALL classrooms

- 1 Impact Math Student Materials set (3rd edition) per student (available in English or Spanish)
- 1 Impact Math Teacher Materials set (3rd edition) per teacher

New classrooms only

In addition to Student and Teacher Materials above, **new** classrooms should order:

- 1 new Classroom Manipulative bundle per classroom
(Existing classrooms do not need to order new classroom manipulative sets for existing classrooms. The manipulative kits currently in schools are compatible with the new 3rd Edition text materials.)

Detailed Item Descriptions

The final configuration of the **Impact Math Student Materials** bundle is still being finalized, and will be posted soon on the Core Curriculum intranet site. At minimum, it will include:

- Student Edition (available in English or Spanish)
- Quick Review Math Handbook (available in English or Spanish)
- A student workbook and/or review book

Impact Math Teacher Materials:

- Teacher's Edition
- Teacher Classroom Resources (chapter resources - 1 book per chapter)
- Study Guide and Intervention Skills Practice
- Practice and Word Problem Practice
- Implementation Guide
- Differentiated Handbook
- Math Skills Maintenance
- Real World Problem Solving Graphic Novels
- Active Problem Solving for Differentiated Instruction 2
- Teaching Mathematics With Manipulatives
- Dinah Zykes Teaching Math With Foldables
- Reading and Writing in the Mathematics Classroom
- New York Review Series, Teacher Edition
- Teacher Works Plus
- Student Works Plus
- Exam View Assessment Suite
- Interactive Classroom
- Electronic Solutions Manual
- eBook/ Advance Tracker

Impact Math Basic Classroom Manipulative Kit (for new classrooms) include: wooden cubes; color tiles; numeral cubes; Geo Mirrors; overhead grids; color counters; linkage strips

Note: All Impact Math materials ordered will count towards the overall calculation of a school's Core Curriculum order value.

HighSchoolMath

Integrated Algebra (Grades 9, 10, 8 Accelerated)

Last year, in response to changes in the NY State Math Standards, the city transitioned from Math A to Integrated Algebra. Starting this year, for 2008-09, schools will be able to purchase consumable replacements for Integrated Algebra through Core Curriculum. Existing classrooms should order consumable materials to replace what was used last year.

Schools should only order **new** materials for **new** classrooms only.

What to Order (All Classrooms)

Existing register / classrooms (*9th, 10th, accelerated 8th grade*)

- 1 Integrated Algebra All-in-One workbook per student (available in English only; standard or adapted)
- 1 Integrated Algebra Brief Review workbook per student (available in English and Spanish)
- *OPTIONAL – replacement stand-alone Teacher's Edition (without supplemental resource bundle)*

New classrooms only (*9th, 10th, accelerated 8th grade*)

- 1 Integrated Algebra Student Materials set per student
- 1 Integrated Algebra Teacher Materials set per teacher (includes TE *and* supplemental resource bundle)
- 1 Integrated Algebra Classroom Manipulative kit per teacher

Detailed Item Descriptions

Integrated Algebra All-in-One workbook is available in both a standard version and adapted version. It is available in English only.

Integrated Algebra Brief Review workbook prepares students for the State examination and is available in English and Spanish.

Integrated Algebra Student Materials include:

- Prentice Hall Integrated Algebra Student textbook (English or Spanish)
- Prentice Hall Integrated Algebra All-in-One Student workbook (Regular or Adapted, English only)
- Prentice Hall Integrated Algebra NY Comprehensive Brief Review (English or Spanish)

Integrated Algebra Teacher Materials include:

- StudentEXPRESS CD-ROM
- NY Teacher's Edition
- Teacher Online Access Pack
- Teaching Resources (includes Chapter Support Files and Solution Key)
- All-in-One Student Workbook
- All-in-One Student Workbook, Teacher's Guide
- All-in-One Student Workbook, Adapted Version
- All-in-One Student Workbook, Adapted Version, Teacher's Guide
- Hands-on Activities
- Technology Activities
- Data Analysis and Probability Workbook
- Basic Algebra Lesson Plans and Assessments
- Prentice Hall MathNotes Folders (pkg of 10)
- Overhead Manipulatives Kit
- Spanish Practice Workbook
- Spanish Vocabulary and Study Skills Workbook
- Spanish Workbook Answer Key
- Spanish Assessment Resources
- Prentice Hall NY Assessment System
- Transparency and PowerPoint Pack
- Success Tracker 6-year online access
- NY Teacher Express CD-ROM
- Mindpoint Quiz Show CD-ROM
- Teaching with TI-Technology Booklet with CD-ROM

- Data Analysis and Probability Workbook, Teacher's Guide
- Algebra over 2 years Planning Guide
- Instant Check System for TI-Navigator CD-ROM
- ExamView CD-Rom

Integrated Algebra Classroom Manipulatives include:

Manipulative Item	Quantity
Algebra Tiles	15 sets of 32
Centimeter Cubes	1 set of 1000
Geoboards	8
Geobands	8 bags
Geometric Solids	1 set of 18
GeoReflector Mirrors	8
Blank Spinners	15
Measuring Tapes	8
Protractors	30
Blank Cubes with Labels	1 set of 36
Rulers	30
GeoTool Compasses	30

Note: All Integrated Algebra materials ordered will count towards the overall calculation of a school's Core Curriculum order value.

Core Curriculum Components:

English

Language Arts

Introduction
K-3 Literacy and Word Study Programs
Classroom Libraries

EnglishLanguageArts

Introduction

The Office of English Language Arts provides instructional and professional development support to teachers, coaches, assistant principals, principals, and school support organizations in the area of English Language Arts. We provide a wide variety of professional development opportunities from special institutes to regular sessions for literacy coaches throughout the year. Our work this year has also focused on content area literacy and on the unique literacy needs of learners in grades 4 -8. We hope to see many of you at our citywide conference – Read All About It, Content Literacy for All Learners – on April 1, 2008 at Columbia University.

We have started work on the development of a new Scope and Sequence in ELA for Grades K-8. We will be very excited to share this work with you soon and welcome your feedback. We appreciate any requests and suggestions regarding future professional development offerings or any other ideas you have about how we can better support you in your work. To share with us your ideas about our work or to get more information on our April 1 conference, please contact us at ela@schools.nyc.gov.

Literacy Programs

Grades K-3 – Ordering

For the 2008-09 school year, schools will be able to order consumable materials to replenish Core Curriculum literacy programs purchased in prior years and currently being used in classrooms. These include consumables for Pearson Words Their Way, Lakeshore literacy kits, and Wilson Foundations. Since the overwhelming majority of schools have purchased the associated non-consumables within the past two years, we are deferring additional purchases for a year.

New schools opening in 2008-09 will be provided with new Core Curriculum literacy materials (both non-consumables and consumables) to fully support English Language Arts (ELA) instruction in grades K-3. Before choosing a program to implement, new schools should consult the Grade K-3 Word Study Core Curriculum Programs guide (which follows below).

What to Order

Existing register / classrooms

- Consumable replacement items, according to program used:
 - *UCLK / Month by Month Phonics*: Individual replacement items for Classroom Manipulatives Kits
 - *Words Their Way*: Consumable student books (1 per student)
 - *Wilson Foundations*: Consumables (1 per student)

New schools

- New classroom sets. Schools may choose between:
 - UCLK / Month by Month Phonics Class Kit (A or B) + Manipulatives (1 per classroom)
 - Words Their Way Classroom Package w/ 30 student books (1 per classroom)
 - Wilson Foundations Classroom Set w/ 20 student books (1 per classroom)Before choosing a program to implement, new schools should consult the Grade K-3 Word Study Core Curriculum Programs guide.

Detailed Item Descriptions

Consumable Replacements

UCLK / Month by Month Phonics Individual Replacement items for Manipulatives should be ordered as needed, on an item-by-item basis. Please be sure to order all the items necessary to replenish existing kits. The April 16 – May 11 Core Curriculum ordering window will be the only opportunity to order individual items centrally.

Words Their Way Student Notebooks (Levels K, A, B, C) are available for Grades K-3. Note that Level A is for Grade 1, Level B is for Grade 2, and Level C is for Grade 3.

Wilson Foundations Consumables (10 pack) are available for Grades K-1. The consumables include:

- Study Notebooks
- Desk Strips
- Composition Books (Grade 1 only)

New Classroom Materials for New Schools

Words Their Way Classroom Packages w/ 30 student books are available in English and include:

- 30 Student Word Study Notebooks

- 1 Teacher Resource Guide
- 1 Teacher Resource CD with Games and Sorts
- 1 Big Book of Rhymes (Grade K-2 only)

UCLK / Month by Month Phonics Class Kits are available in English. Phonics kits should be ordered per class. At Grades K-2, schools have a choice between two different kits (Set A and Set B) – each set has a slightly different collection of trade books and Big Books (complete title lists are available on the Core Curriculum intranet site). Schools should choose only one set (either A or B) per classroom. Each phonics class kit includes:

- 1 Month by Month Phonics (K-3)
- Trade books (K-2) and Big Books (K-1) (slightly different books in Set A vs Set B)

UCLK / Month by Month Phonics Manipulatives should be ordered per class, for new schools only. See “Month by Month – UCLK Phonics Components” on the Core Curriculum intranet site for a comprehensive itemized list of manipulative components.

Wilson Foundations Classroom Sets (Grades K-2) are available in English and include:

- 1 Foundations Teacher’s Kit
- 20 Student Durables
- 20 Student Consumables
- *Note: Schools can purchase additional Student Durables and Consumables as needed through the Core Curriculum ordering tool.*

Phonics Class Kits (Spanish) include Spanish trade books.

Phonics Manipulatives (Spanish) include:

Grade K-2:

- Spanish Alphabet Class Chart
- Spanish Alphabet Student Charts - Pkg 25
- Magnetic Letters - Spanish Lowercase
- Magnetic Letters - Spanish Uppercase

Grade 3:

- Spanish Magnetic Letters - 192 pcs

Note: All Literacy materials ordered will count towards the overall calculation of a school’s Core Curriculum order value.

Literacy Programs

K-3 Word Study Program Guide

MONTH-BY-MONTH PHONICS

Recommended for Grades K-3

Month-by-Month Phonics series addresses how to help ALL kindergartners and first, second, and third graders become better readers and writers through clear, thoughtfully planned lessons designed to meet the needs of the wide range of young learners found in every early childhood classroom. The text includes detailed, easy-to-follow activities that assist students in developing phonemic awareness, enhance letter and sound recognition (phonics), and increase vocabulary. Since 1997, over 500,000 elementary teachers have successfully used *Month-by-Month Phonics* in their classrooms.

How does *Month-by-Month Phonics* work?

The *Month-by-Month Phonics* series is geared toward specific grade levels with lessons appropriate for the varied learning levels within classrooms. The teachers' guide at each grade level is organized into month long units of instruction, hence the name *Month-by-Month Phonics*.

The lessons in *Month-by-Month Phonics* teach children to read and spell high-frequency words and learn patterns that will allow them to decode and spell many less frequently seen words. Approximately 30-35 minutes a day are devoted to *Working with Words*. The following are the components of a typical first grade lesson:

The first 10 minutes of a lesson are usually devoted to working with the Word Wall words. A Word Wall is a display of high-frequency words posted above or below an alphabet. The best words to use on a Word Wall are those that occur frequently in whatever children are reading.

Recognizing high-frequency words helps children to read; being able to spell high-frequency words will help children to write. The teacher works with students to add five new words per week. Students practice new and old words daily by looking at them, saying them, chanting or cheering them, clapping or snapping the letters, writing the words on paper, and then using what they have learned to write new words that have similar spelling patterns.

The remaining 20-25 minutes of the lesson are devoted to one of several activities that help children learn spelling patterns. This activity may be chosen from a variety of multilevel word activities and may vary from day to day, depending on student needs and interests.

The most popular of these activities is *Making Words*. *Making Words* is an active, hands-on activity in which children arrange letters to make words. Children learn how to look for patterns in words and how changing just one letter or its location in the word changes the whole word! Children are given five to eight letters that they manipulate, beginning by creating simple two-letter words and progressing to build more complex words. Then, they sort the words according to a variety of patterns including beginning sounds, rhymes, and endings. Children use the sorted words to read and spell additional words with similar patterns.

Other word exercise activities provided in the *Month-by-Month Phonics* series include *Rounding Up the Rhymes*, *Tongue Twisters*, *Guess the Covered Word*, *Using Words You Know*, and *Reading/Writing Rhymes*. All of these activities are designed to be multilevel. In every activity, there is something for all children to learn, regardless of whether they are struggling or accelerated readers.

As important as the components of the lessons, *Month-by-Month Phonics* also provides teachers with important instructional tools. Specifically:

- ways to assess student progress
- how to adapt lessons so they meet the needs of all students
- advice on ways to determine if children are having difficulty and how to assist them
- how to continue to challenge those children who are accelerated learners
- tips for observing and coaching students as they use their newly learned skills to read and write

FUNDATIONS

Recommended for Grade K - 2

Wilson Foundations® is a comprehensive word study program designed to be used with the existing literature-based reading curriculum. The 25-30 minute daily lesson fits nicely into the word study block of a Balanced Literacy program. Foundations provides explicit and highly systematic instruction in key areas including: phonological and phonemic awareness, phonics, word and syllable study, vocabulary, sight word instruction, fluency, spelling, handwriting, and word and sentence writing practice. The four levels of "FUN" (Levels K, 1, 2 and 3) provide cumulative and integrated skill instruction in each of the areas related to word study.

All Foundations instruction is visible and interactive. The teacher directly teaches all skills to students through modeling and active learning using multisensory techniques. These Orton-Gillingham based strategies are presented to all students as part of the core curriculum, reducing the number of struggling readers in a classroom. Children who do require intervention can take part in additional small group Foundations lessons that will correspond and reinforce the instruction in the classroom.

The Foundations Teacher's Kit comes equipped with all instructor materials and one set of student materials. The comprehensive materials and resources allow teachers to focus on lesson planning and delivery, rather than on developing materials. The Teacher's Manual provides a daily schedule, detailed instructions and activity procedures, and controlled-text resources for each unit. The interactive multimedia CD provides extensive demonstrations of lesson activities and unit instruction to help teachers effectively implement Foundations. A Home Support Pak is included in the Teachers Kit with letters to send home explaining the concepts being taught and appropriate activities to reinforce classroom learning. The Teacher's Kit also includes other teaching tools such as puppets, sound and syllable cards, classroom posters, and other manipulatives.

Student materials include both durable and consumable components. Student durables include Building and Letter Boards, Magnetic Tiles and Dry Erase Writing Tablet. Only student consumable components must be replaced from year to year, which include the Student Notebook and Composition Book. The Foundations website also provides free resources to teachers including a Lesson Plan Builder which creates a lesson plan template for each day. The Foundations program provides teachers with all the tools needed to present a structured, sequential, and cumulative word study program using explicit, multisensory techniques.

Words Their Way: Word Study in Action

Recommended for Grades K-3

WORDS THEIR WAY: Word Study in Action focuses instruction on phonemic awareness, phonics, fluency, comprehension, and vocabulary. Students are engaged in grouping sounds, words, and pictures into specific categories with photographic picture cues and full-color design. Teachers can help to increase student knowledge of spelling patterns and the meaning of specific words by looking closely at words.

WORDS THEIR WAY: Word Study in Action was developed to provide instruction to successfully teach children to read. It enhances student learning through hands-on experience in comparing and contrasting words by sound and spelling patterns, and categorizing the words by meaning, use, and parts of speech.

This new program complements the popular, research-based, Words Their Way: Word Study for Phonics, Vocabulary, and Spelling Instruction published by Merrill/Prentice Hall. The authors have extended this research-base from the original resource book to make the new program easy and accessible for teachers to use in their classroom. Now, all the resources that you need are at your fingertips in one convenient program, WORDS THEIR WAY: Word Study in Action.

Below are the components of WORDS THEIR WAY: Word Study in Action that can be used for just 15-20 minutes a day to provide routines that will successfully teach students to read.

Component

Student Word Study Notebook

- develops your students' phonics and vocabulary skills through grade-level sorts
- engages students with activities that include: cutting, sorting, classifying, drawing, writing and pasting

Teacher Resource Guide

- reduces preparation time by bringing together sorts, games, rhymes, and literature to provide instruction
- supports routines established in the original resource book

Teacher Resource CD with Games and Sorts

- reinforces each lesson with sort-specific game boards and cards from each grade-level CD
- helps you meet all your students' needs through additional sorts from part of the grade above and below as blank templates for customizing sorts
- builds phonemic awareness in Levels K and A (Gr 1) with Build, Blend, and Extend activities

Big Book of Rhymes

- introduces the lesson for each sort in a fun and meaningful context for Levels K, A (Gr 1), and B (Gr 2)

ClassroomLibraries

Core K-9 Libraries; H.S. Social Studies Modules

Over the past few years, more than 20 million classroom library books have been provided to schools to support the comprehensive literacy development of students. Since the overwhelming majority of schools have purchased non-consumable classroom libraries within the past two years, we are deferring additional purchases for a year. New schools opening in 2008-09 will be provided with new Core Curriculum classroom libraries to fully support English Language Arts instruction. Before choosing a library, new schools should consult the brief Core Library Descriptions below, as well as the more comprehensive Guides to Selection and complete title lists that are available on the Core Curriculum intranet site.

What to Order (New Schools only)

Grades K-9

- 1 Core library + 3 modules per classroom

Grades 9-12 (High School)

- 1 Social Studies module per classroom

Core Library Descriptions

Below are brief summaries of the Core K-9 Classroom Libraries. More comprehensive Guides to Selection and complete title lists are available on the Core Curriculum intranet site at <https://www.nycboe.net/instruction/curriculum/homepage.aspx>.

Grades K-3

The K-3 classroom libraries have been designed around the components of balanced literacy. First, students become skilled readers by reading regularly and broadly, practicing daily with a wide range of literature. Second, each student in a class must practice with books appropriate to his or her individual strengths, needs and interests. In service to these principles, each K-3 classroom library incorporates a range of readability and literary styles.

The K-3 libraries have been designed with flexibility in mind. Fountas and Pinnell guided reading levels have been indicated where appropriate and available. Teachers should have an opportunity to work with colleagues, administrators, and professional developers to select libraries best suited to their students' needs.

Grades 4-6

Effective classroom libraries are designed around a few essential principles. First, students become skilled readers by reading regularly and broadly, practicing daily with a wide sweep of literature. Second, each student in a class must practice with books appropriate to his or her individual strengths, needs and interests. Texts that are too challenging or not challenging enough frustrate students, and produce no more steady growth than a health club with only 5- pound and 200-pound barbells.

With these principles in mind, each classroom library offered for grades 4 – 6 incorporates a range of readability and literary styles, giving students many fruitful opportunities to read. To accommodate the varied reading proficiency that exists citywide, there will be more total libraries available than there are grades. Teachers should have an opportunity to work with colleagues, administrators, and professional developers to select libraries best suited to their students' needs.

Elementary Library 1 (EL1) is appropriate for a number of 4th grade classes, and some 5th grade classes, particularly those in which most students typically start the year reading early chapter books, such as the *Cam Jansen*, *Pee Wee Scouts*, and *Junie B. Jones* series. By the end of the year, most of the class is likely to be reading more challenging books such as Paula Danziger’s *Amber Brown Is Not a Crayon*, Judy Blume’s *Fudge-a-Mania*, and nonfiction such as Eloise Greenfield’s *Rosa Parks*.

Elementary Library 2 (EL2) is appropriate for 4th through 6th grade classes with a large number of students for whom longer chapter books, like those in Louis Sachar’s *Marvin Redpost* series and Jon Scieszka’s *Time Warp Trio* series, are a fairly easy read as the year begins. By the end of the year, most of the class will be reading more challenging fiction such as Christopher Paul Curtis’s *The Watsons Go to Birmingham* and nonfiction such as Eleanor Coerr’s *Sadako and the Thousand Paper Cranes*.

Elementary Library 3 (EL3) is appropriate for an upper elementary class (Grade 5 or 6) in which *most* of the students spend the majority of the year reading books at the highest levels of children’s literature. These readers typically meet or exceed end-of-year grade level expectations.

Elementary Library 4 (EL4) was designed with sixth grade classes housed in elementary schools in mind, though it may be appropriate for some highly accomplished fifth grade readers. The texts for independent reading span a range from easy chapter books to quite sophisticated novels, with the majority of the titles of an interest and readability level for accomplished sixth grade readers.

Grades 6-9

Effective classroom libraries are designed around a few essential principles. First, students become skilled readers by reading regularly and broadly, practicing daily with a wide sweep of literature. Second, each student in a class must practice with books appropriate to his or her individual strengths, needs and interests. Texts that are too challenging or not challenging enough frustrate students, and produce no more steady growth than a health club with only 5-pound and 200-pound barbells.

With these principles in mind, each classroom library for grades 6 – 9 incorporates a range of readability and literary styles, giving students many fruitful opportunities to read. To accommodate the varied reading proficiency that exists citywide, there will be more total libraries available than there are grades. English Language Arts teachers should have an opportunity to work with colleagues, administrators, and professional developers to select libraries best suited to their students’ needs. Because English Language Arts teachers in secondary schools work with such a large number of students during the course of a school day, their classroom libraries will contain more books than those for elementary school.

Secondary Library 1 (S1) is appropriate for sixth grade classes, and some seventh grade classes, with a large number of students who begin the year reading approximately two years below grade level. The core collection is composed of texts that support NCEE’s Ramp Up to Literacy program for grade 6 students.

Secondary Library 2 (S2) is appropriate for middle school students who have made or will soon make the transition from reading children’s literature to adolescent literature. The library is designed to accommodate the needs of many sixth and seventh grade classes across the city. While the interest level of the library is geared toward middle school students, it contains some easier chapter books to support students who continue to work toward reading grade level texts with fluency and comprehension.

Secondary Library 3 (S3) was designed with a slightly older audience in mind than Secondary Libraries 1 and 2. The range of text levels is likely to be appropriate for seventh and eighth grade classes in which students typically meet or exceed grade level standards by year-end. The texts provide opportunities to deepen and extend students’ capacity to think and talk about literature with more sophisticated themes.

Secondary Library 4 (S4) is appropriate for secondary classes in which most students will finish the year reading at the highest levels of adolescent literature. Some students will transition to reading adult literature with high levels of comprehension and independence.

Secondary Library 5 (S5) is appropriate for eighth or ninth grade classes with a large number of students who begin the year as struggling readers, typically reading two or more years below grade level. The core collection is composed of texts that support NCEE’s Ramp Up to Literacy program for ninth graders. The texts themselves represent a wide range of interests and readability levels.

High School Social Studies Modules

High School Social Studies modules were developed several years ago to correlate to sample units of study in Social Studies. These units were developed by NYC teachers using the “backwards design” model. There is one sample unit per grade.

The grades and topics are listed below with the corresponding core library modules. Complete title lists are available on the Core Curriculum intranet site at <https://www.nycboe.net/instruction/curriculum/homepage.aspx>.

Grade / Course	Unit	Core Library Module
High School Global History (Gr 9)	An Age of Revolution	Global History Year 1: Age of Revolutions
High School Global History (Gr 10-12)	N/A	Global History Year 2: Holocaust
High School US History (Gr 10-12)	The Progressive Movement	US History: Progressive Movement
High School Economics (Gr 10-12)	N/A	Economics
High School Participation in Government (Gr 10-12)	N/A	Participation in Government

Office of Curriculum and Professional Development:

Office of Fitness & Health Education

HIV/AIDS Curriculum (K-12)
HealthTeacher (K-5)
HealthSmart (6-12)
Reducing the Risk (9-12)
Physical Best (K-12)
NYC FITNESSGRAM (K-12)

Please note that the Office of Fitness & Health Education curricula are not a part of "Core Curriculum" and are available at no cost for all NYCDOE schools. For more information visit their website at <http://schools.nyc.gov/Academics/FitnessandHealth/>.

Fitness&Health

(Grades K-12)

March 2008

Dear Educator,

Student success depends on a blend of academic skills, good health, and physical and mental fitness. New York City schools offer a wide range of fitness and health instruction during the school day, along with before- and after-school activities, to help children develop the knowledge, attitudes, skills, and behaviors that lead to lifelong physical, mental, emotional, and social wellness.

The Office of Fitness and Health Education provides the following curricula and accompanying professional development **at no cost** for all NYCDOE schools:

- HIV/AIDS Curriculum (K-12)
- HealthTeacher Curriculum (K-5)
- HealthSmart Curriculum (6-12)
- Reducing the Risk Curriculum (9-12)
- Physical Best: Physical Education for Lifelong Fitness Curriculum (K-12)
- NYC FITNESSGRAM Assessment Program (K-12)

Please see descriptions of the curricula on the following pages. For more information, or to register for free professional development, please email Fitness&Health@schools.nyc.gov, or call 212-374-2364 or visit our website at <http://schools.nyc.gov/Academics/FitnessandHealth>.

Thank you for your interest in Fitness &Health Education.

Sincerely,

Lori Rose Benson, Director
Office of Fitness &Health Education

HIV/AIDS Curriculum

(Grades K-12)

In 1981, the Centers for Disease Control first reported a newly identified immune deficiency syndrome, which soon became known as the HIV/AIDS epidemic. New York City was – and still is – the epicenter of HIV/AIDS in the United States. In 1987 the New York State Commissioner of Education issued regulations delineating requirements for health education, including mandated HIV/AIDS education for every student, grades K-12. New York City was at the forefront of HIV/AIDS education and published a curriculum in the 1990's. The Department of Education's Office of Fitness and Health Education updated the HIV/AIDS curriculum in partnership with the New York City Department of Health and Mental Hygiene, and distributed it to all NYC schools by World AIDS Day, December 1, 2005. The updated curriculum contains the required lessons for grades K-12 as well as additional optional lessons and a wealth of additional information and guidance for administrators and teachers. Following are answers to frequently asked questions:

Updated HIV/AIDS Curriculum

Why has New York City updated the HIV/AIDS Curriculum?

New York City took the lead and developed its own HIV/AIDS curriculum for public school students in the 1990s. Information about the course of HIV/AIDS, its treatment, and its prevention has changed since the curriculum was first written. The updated curriculum has new medical information to ensure scientific accuracy.

Is there really a need for these lessons?

Yes. New medications have improved the quality of life and increased life expectancy for people living with HIV/AIDS. Medical advances have also reduced the rate of HIV transmission during pregnancy and childbirth. Although these developments bring new hope, HIV/AIDS still poses a grave threat. There is still no cure for HIV infection. There is no vaccine to prevent it. Not everyone can benefit from the new medications. And research shows that significant numbers of young people still engage in behaviors that put them at risk for HIV infection.

How are teachers prepared to handle these sensitive and important health topics?

Through a series of training programs, administrators and teachers are being introduced to the updated curriculum. Principals are responsible for assuring that a minimum of five HIV/AIDS lessons are taught every year in elementary school, and six in every middle and high school grade.

How do the lessons help students to stay healthy?

The updated HIV/AIDS curriculum provides *age and developmentally appropriate lessons* to help children and adolescents understand the nature of HIV/AIDS, methods of transmission and prevention, and ways to support friends or loved ones who may be living with HIV/AIDS. Lessons use strategies that reinforce the importance of communicating with parents/guardians, teachers, and other caring and appropriate adults in their lives. Interactive activities foster communication, assertiveness, planning and goal setting, decision making, and limit setting skills.

SAMPLES OF WHAT STUDENTS LEARN

Grades K-3: General basics of disease prevention: washing hands, covering your mouth when you sneeze or cough, and cleaning and bandaging cuts. Later they learn not to touch other people's blood, and to ask adults for help when someone is bleeding.

Grades 4-6: Activities focus on how to resist negative peer pressure and "choose companions who share your beliefs, values, and interests." Lessons include drug-related HIV transmission. Students are told to stay away from alcohol and other drugs, and never to share needles or other sharp objects that can transmit blood from one person to another. Sexual transmission of HIV is introduced, and students are urged to abstain from sexual contact. Abstinence from sexual intercourse is emphasized as the only 100% effective way to prevent infection. Students are advised on how to cope with pressure not only from peers, but also from older adolescents who may attempt to coerce them into risky behaviors.

Grades 7-12: Adolescents learn to avoid alcohol and other drugs, which may impair their judgment and put them at increased risk for HIV/AIDS infection. They are strongly encouraged to abstain from sexual intercourse. Some lessons on methods of prevention also address correct and consistent use of latex condoms, which can greatly reduce the risk of HIV/STI transmission among people who are sexually active. Lessons also address HIV testing and explore how HIV/AIDS has affected our society.

What if a parent/guardian has concerns?

All schools have a copy of the updated HIV/AIDS curriculum, and we invite parents to review it and communicate any questions, comments, or concerns to school staff. Please note that all children are required by New York State regulations to receive lessons on the nature of HIV/AIDS and methods of transmission. Parents have the right to opt their children out of the individual lessons on methods of prevention. We believe that these lessons are age-appropriate and protective, but if parents prefer, they may send a letter to their child's principal requesting that their child be removed from the classroom when prevention lessons are given. The letter must state that the parents will provide their own prevention lessons at home. Parents are welcome to request curriculum materials to help them do so.

The Office of Fitness & Health Education encourages principals to send teachers and administrators to our professional development trainings. For more information, please contact the Office of Fitness & Health Education, Lori Rose Benson, Director, at Fitness&Health@schools.nyc.gov, 212-374-2364, or visit: <http://schools.nyc.gov/Academics/FitnessandHealth>

HealthTeacherCurriculum

(Grades K-5)

Health education is both a school subject and a set of life-affirming skills that students will carry with them beyond their school years. The Office of Fitness & Health Education, Division of Teaching and Learning, New York City Department of Education, provides the **HealthTeacher** Curriculum, Grades K-5, to all elementary schools. It is distributed in three volumes of skills-based lessons (K-1, 2-3, 4-5), containing complete teacher instructions, worksheets, transparencies, and guidelines for implementing the lessons.

The **HealthTeacher** curriculum is divided into nine core units of health education:

- Alcohol and Other Drugs**
- Community and Environmental Health**
- Family Health and Sexuality**
- Injury Prevention**
- Mental and Emotional Health**
- Nutrition**
- Personal and Consumer Health**
- Physical Activity**
- Tobacco**

Access to **HealthTeacher.com** is provided free of charge to New York City public schools by the Office of Fitness & Health Education in partnership with the New York City Department of Health and Mental Hygiene. The subscription features the lessons as well as background content, updates on health issues, literacy connections, information about conformity to national health education skills and standards, and a newsletter. Please see "How to Open Your HealthTeacher.com Online Account."

The Office of Fitness & Health Education encourages principals to send teachers to our professional development trainings for teachers in Grades K-5. For more information, please contact the Office of Fitness & Health Education, Lori Rose Benson, Director, at Fitness&Health@schools.nyc.gov, 212-374-2364, or visit: <http://schools.nyc.gov/Academics/FitnessandHealth>



For New York City Department of Education Staff:

How to Open Your Free HealthTeacher.com Online Account

These instructions are valid for both new and existing HealthTeacher.com users.

Due to recent system changes, all existing account holders must re-register.

1. Click on the following link, or type it into your Internet browser. <http://nycsignup.healthteacher.com/>
2. In the center of the page, type your school's main phone number into the blank using **hyphens** (for example, **718-555-1212**). If you do not know your school's main phone number, please ask your school administrator or contact the HealthTeacher.com support team at 1-800-514-1362 or support@healthteacher.com.
3. After clicking 'Submit,' please verify your school name. If it is not correct, click 'No' and type in the correct phone number. If it is correct, click 'Yes' to continue.
4. Please enter all requested information as follows:
First Name and Last Name - Self explanatory
Grade Level – Please select the one level that represents your primary area of work. Many school staff work with multiple grade levels. You will be able to select only one. Please select the one level for which you expect to spend the most time on HealthTeacher.com.
E-mail Address - You must use your official DOE email address ending in @schools.nyc.gov. You are only able to enter your individual prefix to this address. For example, if your DOE email address is jdoe@schools.nyc.gov, type **jdoe** into the blank. If you do not know your DOE email address, ask your school administrator.
Password – You may create any password of your own choosing that is at least 6 characters long. Type it in twice to confirm it. Note that your password will be case sensitive.
Your DOE email address and the password you created will be your login information for future HealthTeacher.com access. Please remember them or write them down in a convenient location. In the event that you forget your password, you can click on the 'Forgot your password?' link on the login page and HealthTeacher.com will email it to your DOE email account.
5. Click 'Complete.' **CONGRATULATIONS! You have successfully created a HealthTeacher.com account. From now on you can access HealthTeacher.com at <http://www.healthteacher.com/>.** You will now be invited to log into HealthTeacher.com with the email address and password you have just created. In the upper right hand corner of the page, enter your DOE email address and password. Click 'Login.'
6. If for any reason you are unable to login, please contact the HealthTeacher.com support team at **1-800-514-1362** or support@healthteacher.com

Enjoy HealthTeacher.com!

Access to HealthTeacher.com is provided free of charge to New York City public schools by the Office of Fitness & Health Education, Division of Teaching and Learning, New York City Department of Education, in partnership with the New York City Department of Health and Mental Hygiene.

HealthSmart & ReducingTheRisk

(Grades 6-12)

Beginning with the 2007-08 school year, the **HealthSmart** curriculum is recommended for all middle schools. **HealthSmart**, along with **Reducing The Risk**, is the recommended comprehensive health education curriculum for high schools.

A review of 30 health education curricula by 34 stakeholders, including school administrators, teachers, parents, members of the NYCDOE, NYC Department of Health and Mental Hygiene, and community based organizations resulted in the recommendation of these secondary health curriculum. The review matched curriculum to the NYS standards for health education and the *Guidance Document for Achieving the New York State Standards in Health Education*. A range of health education experts sought the most scientifically accurate, student-centered curriculum.

The **HealthSmart** curriculum is divided into seven core units of study:

- Emotional & Mental Health
- Improving Health Behaviors
- Violence & Injury Prevention
- Nutrition & Physical Activity
- Tobacco, Alcohol & Other Drug Prevention
- Abstinence & Puberty
- HIV, STD & Pregnancy Prevention

Reducing the Risk, a sex risk reduction curriculum that is research based and shown to be highly effective, replaces the sex risk portion of **HealthSmart** for high schools. **Reducing The Risk** incorporates the following themes:

- Refusal and Delay Tactics
- Getting and Using Protection
- Role Play & Situational Skills Development
- Communication & Relationship Management
- Planning

Curriculum materials are provided free of charge to teachers who participate in Office of Fitness and Health Education **HealthSmart** and **Reducing The Risk** professional development sessions.

For more information, please contact the Office of Fitness & Health Education, Lori Rose Benson, Director, at Fitness&Health@schools.nyc.gov, 212-374-2364, or visit: <http://schools.nyc.gov/Academics/FitnessandHealth>

PhysicalBest: Physical Education for Lifelong Fitness is a comprehensive, health-related fitness education program of curriculum resources and training certifications created by the American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD), and the National Association of Sport and Physical Education (NASPE). *PhysicalBest* differs from what is commonly referred to as “traditional” physical education, where students learn sport skills but not the context or rationale for participating in physical activity.

The *PhysicalBest* curriculum enables students to learn why activity is important, and how it benefits them today and for a lifetime. Emphasizing participation in a wide variety of enjoyable physical activities (traditional sports, non-traditional sports, and fitness activities), *PhysicalBest* promotes individual choice and making connections to real opportunities to remain active for lifelong health and wellness.

Originally developed by the Cooper Institute of Aerobic Research, *NYC FITNESSGRAM* supports students in learning about and measuring components of health-related fitness: aerobic endurance, muscular strength and endurance, flexibility, and body composition. The *NYC FITNESSGRAM* assessment, which produces reports for students and for parents, is designed specifically to work in conjunction with the *Physical Best* curriculum.

The *NYC FITNESSGRAM* test report summarizes each student's performance on fitness assessments and suggests ways to help them to reach the "Healthy Fitness Zone" (optimal performance for better health based on their age and gender). Unlike many traditional fitness assessments, students who participate in *NYC FITNESSGRAM* are measured based on individual performance and personal improvement, and are not judged against each other or a standardized norm. *NYC FITNESSGRAM* supports teachers and students in effectively setting and managing personal and collective fitness goals. The Office of Fitness & Health Education provides free access to *NYC FITNESSGRAM* to all physical educators.

Curriculum materials are provided free of charge to teachers who participate in Office of Fitness and Health Education *PhysicalBest* and *NYC FITNESSGRAM* professional development sessions.

For more information, please contact the Office of Fitness & Health Education, Lori Rose Benson, Director, at Fitness&Health@schools.nyc.gov, 212-374-2364, or visit: <http://schools.nyc.gov/Academics/FitnessandHealth>

Office of Curriculum and Professional Development:

Office of Instructional Technology

Instructional Technology

Overview

The Office of Instructional Technology ("OIT") is a unique group of professionals and experienced pedagogues with proficiency in core curricular areas as well as instructional technology. We are dedicated to enhancing teaching and learning in all curricular areas, including the Core Curriculum subject areas, through the utilization of 21st century tools to create differentiated teaching and learning solutions.

As part of the Children First initiative, OIT borough teams are positioned to provide support to every school in the system with regard to planning, implementing and evaluating school-level instructional technology programs. The borough teams initiate and manage grant opportunities, assist schools with integrating technology within their instructional plans as well as design "push-in" and "pull-out" professional development programs to meet the needs of individual schools, networks and School Support Organizations. Technology technicians are on staff to ensure our professional development opportunities are conducted with minimal interruptions, honoring and respecting educators' instructional time.

Successful utilization of instructional technology tools requires the focused engagement of all key stakeholders, at all levels. Each Borough Instructional Technology Director, with support from Central staff, focuses on the city-wide implementation of one of our programs dedicated towards student achievement with a concentration and focus on opportunities to employ differentiated instructional strategies. Each prong has an instructional approach towards a unique school group. **L**ead supports principals and other instructional leaders. **C**oach trains providers of professional development. **T**each supports teachers in the integration of technology into the curriculum areas. **L**earn supports students directly, increasing their receptors for an in-depth, enhanced level of instruction. **S**ite will enable every one to communicate, collaborate, connect and position instructional resources and best practice exemplars for correlation within the NYCDOE's ARIS system.

Descriptions of our professional development opportunities are available at <http://www.oit.nycenet.edu>. To view all OIT courses, log on to the Protraxx registration system at <http://pd.nycoit.org> and select "Instructional Technology" or visit <http://www.oit.nycenet.edu/programs/>, which will link to Protraxx.

To learn more about OIT's services visit <http://www.oit.nycenet.edu/programs/> where you will find information about each of our iPrograms and the courses targeted to meet the needs of leaders, coaches, teachers, and students.

Office of Curriculum and Professional Development:

Office of Library Services

LibraryServices

Overview

School libraries support all Core Curriculum areas through:

- **Resources** that deepen and extend the information available through textbooks and classroom collections
- **Books for independent reading** – fiction and nonfiction books for all reading levels and in different languages
- **Audio visual materials** aligned with the curriculum and available to every teacher in the school
- **Instruction in skills** needed to access, make sense of, and use information for content learning, designed around a coherent K-12 curriculum of library and research skills
- **Integration of technology and electronic resources** into content-area learning

The Office of Library Services provides support documents to help library staff members, teachers, administrators, and parents establish outstanding library programs in each school. These include:

- **K-12 curriculum** of information, technology, and critical thinking skills;
- Two **program evaluation documents** (Library Learning Walk and LMC 21 Rubric);
- **Library best practice sites**;
- An extensive **Librarian's Handbook** with guidelines and procedures for managing an effective library program; and
- A **Family Literacy Guide** for pre-K through grade 12 parents in eight languages.

All of these materials are available on our website, <http://schools.nyc.gov/academics/libraryservices>.

The Library Services staff also offers consultation and professional development to help schools strengthen their library programs. Professional development is offered through fall and spring conferences, borough-based workshops, specialized workshops for newly assigned librarians and campus librarians, automation training sessions, and other opportunities throughout the year. In August 2008, in collaboration with the Library of Congress, we will offer a week-long Inquiry Institute for classroom teacher/librarian teams on using digital primary sources.

If you have any feedback or questions for our department, you can reach us at libraries@schools.nyc.gov or contact Barbara Stripling, Director of Library Services, directly at bstripling@schools.nyc.gov or (212) 374-2524.

Office of Curriculum and Professional Development:

Academic Intervention Services

Academic Intervention Services

K-12

Academic Intervention Services K-12

Recognizing that that “one size does not fit all,” the Department of Education has implemented a system of targeted intervention services to help struggling students in New York City public schools. Though the use of a range of research-based strategies built on top of strong base literacy and mathematics programs, intervention is tailored to move achievement in learners with varied needs.

Academic intervention services (AIS) teams provide support at the school level. Each team consists of educational professionals who determine academic intervention needs of the students in the school, establish targeted means of assessing students, determine methods for dealing with academic problems, and – most important – monitor on an ongoing basis whether these methods are resulting in increased learning and achievement. This year, with the new provision of inquiry teams in schools focused on supporting a particular target group of students, AIS content can provide valuable intellectual capital to move the work of the inquiry team in addressing individual student needs.

The Department of Academic Intervention Services K-12 provides resources and support for this work directly to the schools as well as through collaboration with School Support Organizations and central office staff. The office also ensures dissemination of information related to compliance with New York State Education Department requirements for support for students performing below grade level expectations. In a field that has been unfolding intensively in the last thirty years, and even more rapidly now, it is the goal of this office to build capacity in schools, developing a cadre of learning specialists who can lead the work in meeting targeted student needs in every school using state-of-the-art, research-supported methodology.

Professional Support

Offering a range of professional supports, the Office of Academic Intervention K-12 provides:

- professional development opportunities in intervention within literacy, mathematics and content areas,
- informational resources including a newsletter,
- intervention toolkits of suggested methods and materials within specific areas of intervention,
- PowerPoint presentations in a range of topics,
- best practices identification and dissemination,
- video training materials,
- extensive on-line resources and tools,
- an active on-line listserv disseminating relevant research and encouraging dialogue about current methods,
- on-site technical assistance,
- web-based resources,
- university collaborations,
- pilots of promising programs,
- support of school-based professional development services,
- parent-support activities, and more.

Customized professional development for schools, networks and school support organizations is available, as are consultative services.

Contact Us

For additional information about our work, please contact Dr. Esther Klein Friedman, Director, Department of Academic Intervention Services K-12, efriedm@schools.nyc.gov.