



# Technology Resources\*

## List of Most Commonly Used Technology Resources

Dedham Public Schools – September 2009

For more information on any of these resources, contact Paula Marini (pmarini@dedham.k12.ma.us)

Resource	Grade / Curriculum	Topic
Microsoft Office 2007	K-12	Word, PowerPoint, Publisher, Excel, Access
Inspiration	3-12	Graphic Organizer Software
Kidspiration 3	K-2	Graphic Organizer Software – Includes virtual math manipulatives
Full Shot	K-12	Screen capture program
PowerPoint PhotoAlbum	K-12	<ul style="list-style-type: none"> <li>PowerPoint 2007 tool used to create a slide show quickly and easily</li> <li>May be used with eInstruction to generate multiple choice questions in PowerPoint</li> </ul>
eInstruction 24-clickers per classroom set <ul style="list-style-type: none"> <li>Elementary – one set each building</li> <li>Middle School – seven</li> <li>High School – four</li> </ul>	K-12	<ul style="list-style-type: none"> <li>Classroom Performance System (CPS)</li> <li>“Clickers” used by students to respond to multiple-choice questions.</li> <li>Provides immediate assessment feedback.</li> <li>May be used for class surveys, opinion polls, or to generate discussion</li> </ul>
Discovery Education Streaming Video	K-12	<ul style="list-style-type: none"> <li>Standards-based video / clips for all curriculum areas</li> <li>Lesson plans, teacher guides, blackline masters, quizzes</li> </ul>
Discovery Science <ul style="list-style-type: none"> <li>Physical Science, Life Science, Earth &amp; Space Science</li> </ul>	6-8 Science	<ul style="list-style-type: none"> <li>Interactive virtual labs</li> <li>Science videos</li> <li>Additional Readings</li> <li>Types of Activities: Virtual Labs, Science sleuths, Inquiry problems, Myth Busters, Interactive videos, and Explorations</li> </ul>
Adobe Professional	Teacher (K-12)	<ul style="list-style-type: none"> <li>Create, edit PDF files</li> <li>Create forms</li> <li>Limited amount of licenses—However, Office2007 has Adobe PDF tools</li> </ul>
Adobe PhotoShop	9-12	<ul style="list-style-type: none"> <li>Photo editor</li> </ul>
Timeliner	K-12	<ul style="list-style-type: none"> <li>Generate timelines</li> <li>May include graphics and other media</li> </ul>
Kurzweil	K-12	<ul style="list-style-type: none"> <li>Reading comprehension, study skills program.</li> <li>Includes over 1,500 ebooks</li> <li>May be used with MS-Word documents or the web</li> <li>Students on IEPs with Kurzweil as an accommodation may use the program to take their MCAS tests.</li> </ul>

Bookshare.org (Available to any student with documentation that meets the strict disability criteria.)	K-12	<ul style="list-style-type: none"> <li>Provides electronic versions of printed educational materials (textbooks, literature, newspapers, magazines, etc.)</li> <li>Ensures that all individuals with print disabilities have equal and timely access to print materials</li> </ul>
Myskillstutor.com	5-8 Math ELA	<ul style="list-style-type: none"> <li>Online exercises and assessment</li> <li>Diagnostic and prescriptive</li> <li>Available to students at home</li> </ul>
Acuity (new 2009-2010) <a href="http://www.acuityforschool.com/">http://www.acuityforschool.com/</a>  <b>Note:</b> Training <b>September 22, 2009</b> for grades 3-5 teachers, Middle School math and computer teachers.	3-8 Math	<ul style="list-style-type: none"> <li>Online math program that provides interim and formative assessments designed to inform teaching and improve student learning.</li> <li>Acuity delivers predictive and diagnostic assessments, reporting, and instruction.</li> <li>Seven tests a year – Three “MCAS-type” tests designed to predict student success, four “end-of-term” tests used for common assessment.</li> <li>Assigns customized exercises based on student strengths and weaknesses.</li> </ul>
FASTT Math	2-5	<ul style="list-style-type: none"> <li>A math intervention program that uses research-validated strategies to help students develop fluency with basic math facts (0-12) in addition, subtraction, multiplication and division.</li> <li>Ten-minute, customized lessons are done three times a week during the school day.</li> </ul>
Geometer’s Sketchpad Cabri Geometry Green Globes MathType (used to type math problems)	9-12 Math	<ul style="list-style-type: none"> <li>Math software available</li> <li>Loaded in HS Library lab, wireless laptop lab and math teachers’ classroom computer</li> </ul>
Math Resources on the DPS network	9-12 Math	<ul style="list-style-type: none"> <li>Shared resources available to all DPS HS math teachers</li> <li>Web sites, teacher created-resources, departmental tests</li> <li>Located on the network dps-htmt server in the <b>Math Resources</b> folder ( <a href="\\dps-htmt\MathResources">\\dps-htmt\MathResources</a> )</li> </ul>
Tessellations	6-8	<ul style="list-style-type: none"> <li>Tessellation software</li> <li>Only five licenses available for individual classrooms</li> </ul>
SmartBoard  <i>Note:</i> 2 at most elementary schools 7 at the Middle School 2 at the High School	K-12	<ul style="list-style-type: none"> <li>Interactive whiteboard</li> <li>Used with class presentations</li> <li>Captures presentations, handwritten notes, displayed web pages as files</li> <li>Display videos, pause, and capture images</li> <li>Software must be loaded on classroom computer</li> </ul>
Smart Airliners	K-12	<ul style="list-style-type: none"> <li>Acts like a SmartBoard</li> <li>Hand held for teacher or student use</li> </ul>
Mobile Laptop Carts <ul style="list-style-type: none"> <li>Most carts contain 24 wireless laptops</li> </ul>	K-12	<ul style="list-style-type: none"> <li>Elementary – Oakdale and Avery have one mobile laptop cart with 24 laptops. Cart must be connected to the network.</li> <li>Middle School – Laptop carts available on each floor</li> </ul>

		<p>(5 carts).</p> <ul style="list-style-type: none"> <li>• High School – three laptop carts</li> <li>• Middle School and High School buildings are wireless. Laptops may be used in classrooms without the cart.</li> <li>• Greenlodge, Oakdale and Riverdale will have wireless installed this fall.</li> </ul>
Mini-Wireless Labs (Coming this Fall)	Greenlodge & Oakdale	<ul style="list-style-type: none"> <li>• NOT full-service laptops</li> <li>• Will be able to access online programs, word processing, and a few selected programs, such as FASTT Math.</li> </ul>
Laptop / Projector Carts	K-12	<ul style="list-style-type: none"> <li>• Elementary – Most grades 1-5 classrooms have installed projectors. One portable cart with laptop &amp; projector in most buildings.</li> <li>• Middle School – Most classrooms have installed projectors. Do not need laptop/projector carts</li> <li>• High School – Most classrooms have installed projectors.</li> </ul>
Flash Drives	K-12	<ul style="list-style-type: none"> <li>• Several available for check out and use with students to share project work.</li> <li>• HS library has flash drives available for student check out as well.</li> </ul>
Digital cameras and Camcorders	K-12	<ul style="list-style-type: none"> <li>• Available for sign out from the library for projects.</li> </ul>
AlphaSmart Personal Word Processors  HS – 15 unit cart MS – 30 unit cart	6-12	<ul style="list-style-type: none"> <li>• Battery-operated word processors</li> <li>• Saves up to eight files</li> <li>• Files may be “beamed” to PC and saved to student’s Z drive</li> </ul>
BlackBoard <ul style="list-style-type: none"> <li>• All teachers are enrolled in District courses as well as an Elementary staff course (PK-5), High School Staff or Middle School Staff course.</li> <li>• All teachers have their own courses with their students enrolled.</li> </ul>	K-12	<ul style="list-style-type: none"> <li>• Intranet for DPS</li> <li>• Resources and postings available 24/7 from home and school</li> <li>• MS / HS classrooms on the web</li> <li>• District and building resources</li> <li>• Digital drop box allows home access to school files for students and teachers</li> <li>• Students may submit assignments electronically</li> </ul>
Graph Club Graph Master	K-2 3-6	<ul style="list-style-type: none"> <li>• Spreadsheet for kids</li> <li>• Kid-friendly icons, easy to use and understand</li> <li>• Graphic depiction of data</li> </ul>
Wiggleworks and Wiggleworks Plus	K-3	Reading software
Reading A-Z	Elementary	Reading software
Stationary Studio	K-5	Customized stationary with graphics Stationary for literacy activities
Writing with Symbols	K	<ul style="list-style-type: none"> <li>• Early Childhood Center</li> <li>• Only available if you are using a licensed CD.</li> </ul>
Edmark Programs	K-5	<ul style="list-style-type: none"> <li>• Reading and Math</li> </ul>

		<ul style="list-style-type: none"> <li>• Edmark desktop icon contains all programs <ul style="list-style-type: none"> <li>○ Bailey’s Book House</li> <li>○ Carnival Count Down</li> <li>○ Calculating Crew</li> <li>○ Zoo Zillions</li> <li>○ Millie’s Math House</li> <li>○ Sammy Science House</li> <li>○ Trudy’s Time and Place</li> </ul> </li> </ul>
Lexia – New Online Access (2009-2010)	K-5 Middle School	<ul style="list-style-type: none"> <li>• Reading and phonics- Elementary</li> <li>• MS - Special Education</li> <li>• Available online from school and home</li> </ul>
Earobics	Primary	Reading and phonics software
Reading Counts	3-5	Reading software Also, high school summer reading program.
Type to Learn, Jr.	K-5	Keyboarding skills
DK Products	3-5	<ul style="list-style-type: none"> <li>• I Love Math</li> <li>• I Love Spelling</li> <li>• USA Explorer</li> <li>• Amazing Animals</li> </ul>
Tom Synder Programs	K-5	Folder on the desktop contains: <ul style="list-style-type: none"> <li>• Community Construction</li> <li>• Diorama</li> <li>• Graph Club</li> <li>• Map Machine</li> <li>• Graph Master</li> <li>• Rain Forest Design</li> <li>• Timeliner</li> </ul>

**\*Note:**

Library Media Specialists are a great technology resource as well.

- The elementary library media specialists do technology-integrated lessons with students.
- All library media specialists are experts in finding curriculum resources for your teaching units (web-based resources, database subscriptions, and conventional library resources).

**School**

Avery & Greenlodge  
Oakdale & Riverdale  
Middle School  
High School

**Library Media Specialist**

Maureen Tannetta  
Julie Erwin  
Kelly Metzger  
Lydia Davies

DPS website: [www.dedham.k12.ma.us](http://www.dedham.k12.ma.us)

DPS school library websites: <http://library.dedham.k12.ma.us/>

(Also, there is a “DPS Library” link on the DPS website main page.)

DPS webmail: <http://webmail.dedham.k12.ma.us>