

# Smart Board Magic



## How does a SMART BOARD enhance teaching and learning?

- Helps teachers structure lessons more effectively
- Supports collaborative interactive learning
- Helps to attract and retain students' cognitive skills
- Promotes more effective note taking
- Work can be saved, printed out and reviewed
- Offers increased opportunities for auditory, visual and kinesthetic learning

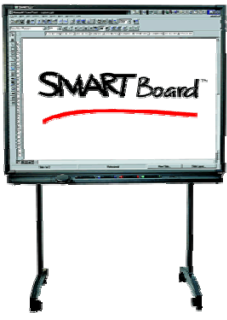
## Good Practice with a SMART BOARD

- Create interactive lessons – not Power Point static presentations
- Build formative assessments into every lesson
- Clear and readable notebook pages, use of images, highlighting and color

## Bad Practice with a SMART BOARD

- Using the Smart Board as a “text book on the wall”
- No evidence of “formative assessment” activities
- Using the Smart Board only as a white board with digital ink

Presenter:  
Gail M. Szeliga, Director  
THE TEACHER CENTER of Broome County  
gszeliga@btboces.org



## Eight Ways to Use the SMART Board in Your Classroom

- Access websites, add notes and save pages with the camera icon on the floating tool bar.
- Play Power Point jeopardy interactively – download a game template from this site - <http://teach.fcps.net/trt10/PowerPoint.htm>
- Have students interact with some of the hundreds of interactive websites that are out on the web - <http://www1.center.k12.mo.us/edtech/resources/SBsites.htm> and <http://www.oswego.org/staff/cchamber/techno/games.htm>
- Bring up a blank graphic organizer and fill it in using digital ink or use the drag and drop feature of SMART Notebook. Access templates at this site: <http://www1.center.k12.mo.us/edtech/SB/templates.htm>
- Show digital video clips using the SMART Video Player - you can pause and annotate on the video then capture to Notebook. Download FREE digital video clips from Power Media Plus. Contact your local PBS station for your free password if you are a NY State teacher - for WSKG contact - CSzeliga@WSKG.org
- Use Smart Notebook software to create creative, meaningful, interactive lessons with clear design, colorful graphics and succinct text. Check out these links for good examples of meaningful activities - <http://technology.usd259.org/resources/whiteboards/smartlessons.htm> and <http://community.teqsmart.org/news.php> and <http://education.smarttech.com/ste/en-US/Ed+Resource/Lesson+activities/Notebook+activities/default.htm>
- When you are ready to make your own eye-catching lesson activities, try the pilot version of SMART's Lesson Activity Toolkit - the newest addition to Notebook software resources. It's full of customizable tools and templates that you can use to create professional-looking lessons - <http://education.smarttech.com/ste/en-US/Ed+Resource/Software+Resources/toolkit/default.htm>
- Create "Magic paper" using your Smart Notebook software. Magic paper is an area on your Smart board that magically reveals an answer when students drag something onto it. [http://www.teachertube.com/view\\_video.php?viewkey=fa186d335310461dfa2b](http://www.teachertube.com/view_video.php?viewkey=fa186d335310461dfa2b)

# Questions & Answers about the SMART Board

## ***What is the SMART Board?***

The SMART Board is an interactive whiteboard that turns your computer and data projector into a powerful tool for teaching and presenting.

## ***What can you do with a SMART Board?***

### **Interact**

Touch the Board to control any computer application or move any object.

### **Create**

Write notes, draw diagrams and illustrate ideas.

### **Focus**

Highlight key information with electronic ink.

### **Capture**

Save in many different formats and print.

### **View**

Web sites and multimedia through the SMART video player

### **Design**

Use Notebook software to create interactive lessons and assessments.

## ***How does the SMART Board work?***

It uses resistive technology, which means there is a small air gap between two sheets of resistive material inside the Board. When you press on the Board, a contact point is registered and its coordinates correspond to the same area on the computer screen. Because the SMART Board is based on resistive technology, it does not require a special stylus or pen to perform mouse or pen functions at the Board, only pressure on the Board's surface

## ***How does the SMART Board recognize where I write or touch on the Board?***

When the SMART Board is used as a whiteboard to record and save notes to a computer file, it automatically maps the position of your writing on the Board to the corresponding area on the computer monitor. When the SMART Board is used with projection for the first time, it will need to be oriented. With the projected image focused inside the board, it will need to be calibrated.

## ***How firmly do I have to press to register contact?***

Not hard, but contact with the Board surface must be constant for writing to register. The Board is as natural to write on as a regular whiteboard

## ***How does the system recognize what tool I am using?***

When you remove a marker from its color slot on the SMART Pen Tray, the Pen Tray senses which pen (red, blue, green or black) has been selected. When you use the pen to write on the Board, the ink



appears on the computer screen in the selected color. Similarly, the Pen Tray senses when you remove the eraser. When you use the eraser to remove writing on the Board, your writing is erased simultaneously from the Board and the computer screen.

***What happens if I select multiple Pen Tray tools?***

The last tool selected is the tool that is activated. If you replace one of the pens in its slot, then the last tool selected that remains out of its slot is active. An illuminated LED indicator makes it easy to know which tool is active

***How durable is the screen surface?***

The Board surface is a highly durable hardcoat polyester. There is no noticeable wear and tear on the surface from normal use. However, sharp instruments will mar or cut the Board surface.

***Is there a special cleaner that should be used with the Board?***

No. To remove finger oils, simply clean the Board with Windex or Clorox wipes. If permanent markers are used on the Board, you can erase them using a readily available cleaning solvent.

***What computer applications can I use with a SMART Board interactive whiteboard?***

You can use any point-and-click application you have on your computer – including Internet browsers, spreadsheets, interactive CD-ROMs and word processing programs. Commonly used applications include PowerPoint, Excel, Word, Internet Explorer, and many others

***What type of projector or plasma display panel can I use?***

You can use any digital projector.

***Can I right-mouse click?***

Yes. The SMART Pen Tray has two control buttons – one to activate the on-screen keyboard and one to right-mouse click. When you press the right-mouse button, your next touch on the board will be a right-mouse click.

***Do you need special software installed to run the Smart Board?***

Yes, you need to download and install SMART Board software 9.7  
<http://www2.smarttech.com/st/en-US/Support/Downloads/SBS/SBSv97Win.htm>

***What can I do with SMART Notebook software?***

- create, organize and save SMART Board interactive lessons
- import graphics, text, clip art and entire files from any other application
- save a SMART Notebook file in JPG or HTML format to send it or share it with someone who doesn't have SMART Notebook software on their computer.

*The Teacher Center of Broome County*

# Smart Board Magic



## *Sites to Explore!*

Locate this list online at <http://teachercenter.info/SMARTsites.rtf>

SMART Board Software 9.7 version and Essentials for Educators

<http://www2.smarttech.com/st/en-US/Support/Downloads/SBS/SBSv97Win.htm>

SMART Training Center

<http://smarttech.com/trainingcenter/windows/trainingmaterials.asp>

SMART Educator Resources

<http://education.smarttech.com/ste/en-US/Ed+Resource/>

SMART Notebook Software – Lesson Activities

<http://education.smarttech.com/ste/en-US/Ed+Resource/Lesson+activities/Notebook+activities/default.htm>

SMART Board and Airliner Activities

<http://technology.usd259.org/resources/whiteboards/smartlessons.htm>

Tequipment – Educator Resource Center – Must register to download – it's FREE!

<http://community.teqsmart.org/news.php>

SMART Board Collections

<http://www1.center.k12.mo.us/EDTECH/SB/collections.htm>

Lee's Summit School District – Interactives (some Notebooks)

<http://its.leesummit.k12.mo.us/smartboard.htm>

Primary Resources – all kinds of activities

<http://www.primaryresources.co.uk/index.htm>

SMART Board Activities - interactives

<http://www.bristolvaschools.org/mwarren/SBActivities.htm>

Wacona Elementary School – tips etc.

<http://www.wacona.com/smartboard/smartboard.html>

Jeopardy Games

[http://www.hardin.k12.ky.us/res\\_techn/countyjeopardygames.htm](http://www.hardin.k12.ky.us/res_techn/countyjeopardygames.htm)

Engaging Learners the Smart Board Way – nice interactives

<http://www.eduscapes.com/sessions/smartboard/#1>

K-3 Smart Board Sites - interactives

<http://www.juliethompson.com/SMART.html>

More Smart Board Links – more interactives

[http://www.stmarys.k12.il.us/smart\\_board\\_links.htm](http://www.stmarys.k12.il.us/smart_board_links.htm)

Emanipulatives - interactives

[http://www.eduplace.com/kids/mw/manip/mn\\_k.html](http://www.eduplace.com/kids/mw/manip/mn_k.html)

Games - interactives

<http://www.cogcon.com/gamegoo/games/squanky2/squanky2.html>

<http://www.edheads.org/activities/simple-machines/index.htm>

Oswego Elem. Links – lots of interactives etc.

<http://www.oswego.org/staff/cchamber/linkscf/index.cfm>

View Earth from a Satellite

<http://www.fourmilab.ch/earthview/satellite.html>

On-line Math Manipulatives

<http://ejad.best.vwh.net/java/>

Interactive Sites for SMART Board

<http://www1.center.k12.mo.us/edtech/resources/SBsites.htm>

WhiteBoard Resources – nice interactives

<http://www.bgfl.org/bgfl/15.cfm>

eTHEMES Calendar – more interactives

<http://www.emints.org/ethemes/calendar.shtml>

eThemes Resources Listed by Grade Level

<http://www.emints.org/ethemes/resources/by-grade.shtml>

Writing Prompts

[http://www.eduplace.com/kids/hme/k\\_5/brightideas/index.html](http://www.eduplace.com/kids/hme/k_5/brightideas/index.html)

## **POWER POINT PROGRAMS**

MAP preparation PowerPoint for 3rd Grade

<http://www.hazelwood.k12.mo.us/~cdavis01/map2000/3rd.html>

MAP preparation PowerPoint for 4th Grade

<http://www.hazelwood.k12.mo.us/~cdavis01/map2000/4th.html>

MAP preparation PowerPoints for 5th Grade

<http://www.hazelwood.k12.mo.us/~cdavis01/map2000/5th.html>

Listed below are websites that have ready-made interactive presentations and templates to be downloaded for use. Hit CTRL-left click to access these pages.

[http://teach.fcps.net/trt14/Power%20Point%20Games/power\\_point\\_games.htm](http://teach.fcps.net/trt14/Power%20Point%20Games/power_point_games.htm)

<http://www.owen.k12.ky.us/TRT/templates.htm>

<http://jc-schools.net/tutorials/PPT-games/>

[http://www.hardin.k12.ky.us/res\\_techn/countyjeopardygames.htm](http://www.hardin.k12.ky.us/res_techn/countyjeopardygames.htm)

<http://teach.fcps.net/trt10/PowerPoint.htm>

<http://jc-schools.net/ppt.html>

<http://www.vickiblackwell.com/ppttemplates.html>

Flightplans for Learning: Differentiation & Deep Thinking through Technology

<http://eduscapes.com/sessions/pilot/index.htm>

SMARTBOARD Websites

<http://smartboards.typepad.com/smartboard/smartboard-website-listin.html>

Teachers Love SMART Board blog

<http://smartboards.typepad.com/smartboard/>

Links Learning

<http://www.linkslearning.org/Teachers/index.html>

SMART BOARD Activity Hot List

[http://www.create.cett.msstate.edu/create/howto/Smartboard\\_Hotlist\\_MECA.pdf](http://www.create.cett.msstate.edu/create/howto/Smartboard_Hotlist_MECA.pdf)

INTERACTIVE Whiteboard Resources

<http://www.amphi.com/departments/technology/whiteboard/lessonplans.html>

INTERACTIVE SMARTBOARD SITES

<http://faculty.usiouxfalls.edu/arpeterson/smartboard.htm>

ENAGAGING LEARNERS the SmartBoard Way

<http://eduscapes.com/sessions/smartboard/>

SMART BOARD Notebook Files

<http://lakelandschools.org/Edtech/Smartboard/smart-files.htm>

Contact Cynthia Szeliga (CSzeliga@wskg.org ) for a FREE EDVideo password – allows NY STATE teachers to download video clips on all kinds of curriculum related topics!

**Google** the words SMART Board activities for many more links.

Updated: Nov.12, 2007