



SMART Board Basics

April Weston, Navajo Co. Technology Integration Specialist

Session 1

1. **How the board works:** Software from www.smarttech.com (see last page) ... board connects to computer ... computer to projector ... don't forget electricity – Voila! Green light means GO!

To check out the board

Call Karen at 532-6005

She maintains the schedule and will let you know who has it before and after you.

Getting Started

The SMART Board has one cable. It connects to your computer via USB.



The projector needs electricity and also plugs into your computer using the VGA cable. If you are using a desktop computer, you will need to disconnect your monitor and attach the VGA cable to the port where the monitor was connected.

To turn on the projector, press the POWER button. The projector may automatically find your computer, but you may have to press the INPUT button several times until you can see your computer.



- A. Now, you need to align the projector so the light shines on the surface of the board. You can do this by moving the cart and adjusting the rotating ring on the lens. Once you have everything lined up, lock the wheels and focus the projector.
 - B. Lastly, align the board by pressing both buttons on the SMART Board tray at the same time. Tap in the center of each target.
- You may want to connect speakers. Plug into the speaker/earphone jack on computer.

To turn off the projector, press the POWER button twice.

WAIT FOR THE FAN TO QUIT.

It needs to cool down. Switch it off. Bulbs are very expensive!

2. **Orienting the board:** Making the board and computer work together; this may need to be done fairly often. How will you know when? If the "touch sensitivity" seems off ... orient the board. If you point to one spot and the cursor shows up an inch away, links don't work, scrolling doesn't work ... orient.



3. **Using the pens and hands** – be a mouse, pen, highlighter, eraser
 - When using the board, think "I am a mouse" or "I am a pen" to make sure you are using the right tool for the job. After a while, you'll get used to it.
 - Instead of "clicking" – tap the board to make selections
 - You can use your finger to write instead of a pen, just pick up a pen or choose pen from the toolbar on top. (Note: You can 'fool' the tray if a pen is missing by putting a different marker or even a sticky note over the sensor so it thinks the pen is there.)
 - Turn your handwriting into typed text by writing, switching to mouse mode, selecting the writing, and choosing the correct translation in the menu that pops up.



























- Become an eraser by picking up the eraser. Move it like a traditional eraser OR you can circle the area you want to erase and then tap in the middle of it to erase the entire area.
 - Note: Only *handwritten input* erases this way; pictures and typed information (objects) must be deleted or cut.
4. Go to <http://www.smarttech.com/support/product/index.asp> if you have any problems. There are tutorials you can watch on the SMART website too.

Activity: Explore the Toolbar



Try out the tools on the toolbar. Use the chart to record the function of each button for future reference.

| Button | Use this tool to | Button | Use this tool to |
|---|------------------|---|------------------|
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Cut me out and keep me near for reference.

Activity: Tabs – Page Sorter, Gallery, Attachments

Click and Play! Answer the questions in the boxes to learn and discover.

Describe the contents of each tab:

Page Sorter –

Gallery –

Attachments –

Page thumbnails

What are these thumbnails?

How are they moved?

What is the red f?

What happens if you click on the triangle?

Auto-hide check box

Auto-hide

Page Sorter

Gallery

Attachments

Move tabs

Living room

2

Globe - Eastern Pacific...

3

Cross section of a pyra...

4

Weight - hand balance

5

Jan 25-11:17 AM

Move tabs

On which side of the screen do you feel most comfortable having your tabs?

Do you prefer this checked or unchecked?

Activity: The Gallery

Explore and Search! Answer the questions in each box.

Keyword Search

Search for 2 keywords for lessons that you might want to do. Describe what you find for each.

Word: _____

Word: _____

The screenshot shows a search interface for the keyword 'people'. At the top, there is a search bar with the text 'people' and a search icon. Below the search bar is a list of folders: SMART Learning Marketplace, My Content, Online Essentials for Educators, Themes, Essentials for Educators, Lesson Activity Toolkit 1.0, Gallery Sampler, and Search Results for people. Below this list is a section titled 'Search Results for people' with '36 items'. Underneath, there is a 'Related Folders (6)' section with six folder icons: Columbus, History, People, People, People, and People. At the bottom, there are two more sections: 'Pictures and Backgrounds (28)' and 'Interactive and Multimedia (2)'. A red circle highlights the right-pointing triangles next to these two sections.

Click on the different links in this area.
Describe what you find:

Note: yours may be slightly different than mine.

How do you get to the items in the folders?

How do you get items from the bar to your slide?

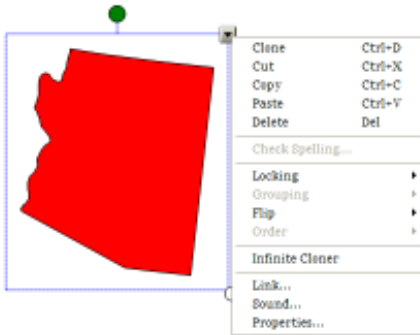
Where are the items with red fs?

What do these triangles do?

Compare what you find under these labels to what you found in the folders.

Activity: Other Menus and Tools

Follow the directions beside each picture.



Find a piece of clipart that you like. Experiment with the drop down menu options to discover what they do. Record your findings here:

Clone:

Cut:

Copy:

Paste:

Delete:

Locking:

Flip:

Infinite Cloner:

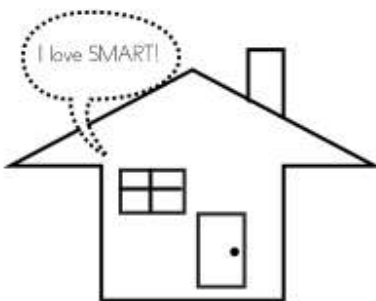


Find a flash media item. Experiment with the drop down menu options to discover what they do. Record your findings here:

Top section:

Flash:

Locking:



Use the shape tools on the toolbar to duplicate this simple house. You will need to be creative – there's more than one way to do it.

How many separate objects did you use to create the house? (Mine was 10.)

Add color (and texture).


Select all of the objects and group them (hint: use the drop down menu).
Resize it.



Feeling Daring? Create a scene with Goldilocks and the 3 bears.

Please write any questions or concerns on a sticky note and put in on the "Parking Lot"

Homework – Before the next class complete the following:

1. Download SMART Notebook onto your classroom computer *and* your home computer. You will need the following serial number: _____ and an email address you can access from that computer.
 - Note: You will be downloading version 10 which looks different than what you used tonight – it works basically the same and has some new features. Those of you who have already downloaded it will need to update. Go to the Gallery tab and find the wrench (see below). Click on it, "Check for updates" is the last choice. Follow the instructions. Always choose "run" or "install" or "I Agree". Get the Activity toolkit while you're at it. 
2. If you weren't able to complete the activities from tonight, finish the handout.
3. Jot down any questions you develop between now and then on a sticky, so you'll remember to ask.
4. Decide on a topic/lesson you want to teach with SMART. Explore some of the websites below to find resources and lessons to accompany. Come to class with one or two "regular" teacher resources.

Links 4 Smart Board:

- <http://education.smarttech.com/ste/en-US/Ed+Resource/Lesson+activities/Notebook+activities/>
- <http://education.smarttech.com/ste/en-US/Ed+Resource/Lesson+activities/SMARTIdeasActivities/USA/default.htm>
- <http://eduscapes.com/sessions/smartboard/>
- http://teach.fcps.net/trt27/smart_board_lessons.htm
- <http://www.emints.org/ethemes/resources/S00001794.shtml>
- <http://technology.usd259.org/resources/whiteboards/smartlessons.htm>
- <http://www.ecarter.k12.mo.us/dept/elementary/fourthgrade/ccrites/etipslesson1.html>
- <http://www.kenton.k12.ky.us/SmartBoard/smartlarts.htm>
- <http://www.fldb.k12.fl.us/rmc/tutorials/whiteboards.html>
- <http://www.bristolvaschools.org/mwarren/SBActivities.htm>
- <http://www.my-ecoach.com/online/webresourcelist.php?rlid=6128>

Interactive Sites:

- <http://www.shodor.org/interactivate/>
- <http://www.edheads.org/>
- US Map: http://www.pibmug.com/files/map_test.swf
- Math Site 4: http://nlvm.usu.edu/en/nav/topic_t_5.html

SMART Board Lesson Podcast (you can listen right from your computer and download lessons they discuss):

<http://pdtogo.com/smart/>

NOTE:

- There are MANY places to find SMART Board lessons, try googling: ***+"Smart Board"+your subject area+lesson***
- To find INTERACTIVE websites, try googling: ***your topic + "interactive lesson" or + "interactive activity"***
- To find Notebook files, search for ***+your topic+filetype:xbk***. Open to see them or SAVE to change them.