• Add Tools
  > camera, pin, clear ink
• Screen Shade
• Screen View
• Camera
• Pens
  > text & magic
• Properties
  > Font
  > Shape
  > Line
• Gallery

• Infinite Cloner
• Image Transparency
• Image Mask
• Lock
• Group
• Order
connection is the key
SMART Notebook

whole class
collaborative
software

• engaging interactive learning platform, purpose built for education
• integration with mobile devices
• relevant, subject-specific features
• access thousands of online resources
• customizable content
• input from students builds critical thinking skills
• keeps students engaged and having fun
• game components offer multiple ways to play

Extraordinary made simple™ | SMART®
• intuitive platform
• formative and summative assessments
• students access the assessments through their devices
• add images to questions and answers
• anytime, anywhere learning
• real-time insights for teachers
• flexible approaches for whole class, individual, and small group learning
• rich digital content including embedded assessment and chat
• engaging students in the learning process
• making students’ learning visible
• facilitating student-centered learning
• providing real-time differentiated instruction
• utilizing a variety of devices
• teaching students collaborative skills
Bloom's Taxonomy meets the SMART Board

Creating
Evaluating
Analyzing
Applying
Understanding
Remembering: basic interactive websites, PowerPoint
Organizing and Planning a well-organized, well-designed SMART Notebook Lesson

- Smooth and effective navigation from page to page.
- Clear and concise presentation of content.
- Increased flexibility to address student needs.
- Clear expectations of what students or substitute teachers are to do during a lesson activity.
- Lesson activities that perform as intended
- Minimal transition time between documents or activities, resulting in a more effective classroom management.

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Eight Key Principles for Effective IWB Teaching

· Be Proficient
· Be Organized
· Be Interactive
· Be Flexible
· Be Constructive
· Be Open-Minded
· Be Willing to Share
· Be Prepared to Plan an Implementation Strategy
Positive Outcomes of IWBs

- Students on task and motivated
- Quicker lesson pace, due to efficiencies in presentation and interaction
- Saving in paper and copying
- Ease of saving work
- Interactivity and participation in lessons
- General higher engagement of students with special needs
- Strong acceptance by students who perceived IWB lessons as ‘better than’ other classroom work
- The multimedia and multi-sensory capacity of IWBs
- Enhanced lesson planning by teachers

Phase of IWB Adaptation

1. The Novice bench is frozen, cold and in the snow.

2. The Intermediate bench looks into the sunrise of a new day with all its possibilities.

3. The Advanced bench allows you to enjoy the summer day and bathe in the sunshine of a calm and serene surrounding.

4. The Exemplary bench allows you to be unaffected by time and ideas, bending your teaching around the technology landscape.

https://docs.google.com/Doc?id=dnxwnv2_31dh3hq4db&hl=en (phase 4)
http://www.trendir.com/ultra-modern/landscapeforms-park-bench-stay.jpg (bench)
http://studio.nathanielguy.com/a_spoon_full_of_sky.jpg (spoon)

Katie Bennett came up with the idea of the images of three benches.

Phase of IWB Adaptation

http://www.youtube.com/watch?v=ajPElu42BH4
# Phases of Adoption

<table>
<thead>
<tr>
<th>Phase</th>
<th>How are they Using the SMART Board?</th>
</tr>
</thead>
</table>
| Novice (Phase 1) | - Using and annotating over existing resources  
                  - Saving notes to a personal folder  
                  - Using basic features of NB to create and display notes (very little thought put into the integration of technology into the curriculum)  
                  - Projection surfaces for movies & Internet resources  
                  - Downloading & modifying existing lessons  
                  - Displaying existing resources  
                  - Engaging students through Socratic lessons (little interactivity) |
| Intermediate (Phase 2) | - Creating simple lessons and interactive activities to support Socratic lessons  
                        - Occasionally posting notes to personal website  
                        - Using advanced features of NB (linking, recorder, player) to engage students  
                        - Making use of the gallery  
                        - Shifting from SMART Board as a teaching tool towards SMART Board as a learning tool  
                        - Encouraging students to participate |
| Advanced (Phase 3) | - Creating & delivering highly interactive lessons/activities in NB format on a regular basis  
                      - Regularly posting notes and lessons to an online community  
                      - Moving from teacher centered towards student centered (empowering students)  
                      - Differentiating based on interest and learning styles  
                      - Addressing multiple intelligences through the use of multiple sources  
                      - Developing methods for alternative assessment  
                      - Promoting higher order thinking skills  
                      - Involving students in the creation of SE resources |
| Exemplary (Phase 4) | - Developing new and innovative content, strategies and templates that can be adapted for any subject  
                     - Creating, maintaining and contributing to online professional learning communities  
                     - Actively sharing resources  
                     - Mentoring & training other users  
                     - Speaking, advocating, promoting the use of technology  
                     - Self-sufficient |
Create a lesson activity in Notebook software that you can use in your own classroom. The lesson activity should contain the following items:

- Teachers' notes and lesson notes
- At least four pages
- Objects, backgrounds and multimedia objects from the Gallery

When developing the lesson activity, try to include at least two of the following skills.
Changing Default Font (Properties Tab)

- Choose "text" tool
- Choose “Text Style”
- Change “font”
- Change "size"
- “Save Tool Properties”
1. Replace Text
2. Insert Text
3. Delete Text
4. Insert Space
1. Temporary Text
2. Highlight
3. Magnify

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Those Winter Sundays
By Robert Hayden
Sundays too my father got up early
And put his clothes on in the blueback cold,
then with cracked hands that ached
from labor in the weekday weather made
banked fires blaze. No one ever thanked him.

I'd wake and hear the cold splintering, breaking,
When the rooms were warm, he'd call,
and slowly I would rise and dress,
fearing the chronic angers of that house,
Speaking indifferently to him,
who had driven out the cold
and polished my good shoes as well.
What did I know, what did I know
of love's austere and lonely offices?

Sarah Lorntson
Mahtomedi High School
SMART Exemplary Educator
2009 TIES Exceptional Teacher
Place the even numbered cards into the box.
SMART Notebook Add-Ons

align right

insert equation

align bottom

concept map

align left

GeoGebra

align top

write equation
Properties Tab - Object Animation

Spin

Shrink & Grow

Fade

Fade Out

Fly In

Extraordinary made simple™ | SMART.
**Multiplication**

\[ 3 \times 3 \]

\[ 2 \times 2 \]

\[ 1 \times 1 \]

**Guide Words**

- landlubberly
- lap

**Example**

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- Algebra Grid
- Maps, Maps, Maps!!!
- Base 10
- Bone Structure
- Earth's Crust/Core
- Hundreds Chart
- Multiplication Table
- Number Line
- Periodic Table

- Place Value
- Plant Diagram
- Traceable Letters & Numbers
- Subtractive Colour Mixing
- Sine/Cosine/Tangent
- Unit Circles
- Venn Diagram
- Lined Pages
My Content Folder(s)
Synonyms
Biotic
Genocide
Synonyms
Biotic
Genocide
• two or more words with the same meaning or nearly the same meaning
• living
• intentional act to destroy a people in whole or in part
  > Greek word gênos ("race, people")
  > Latin suffix -cide ("act of killing")
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>What are the three states of matter?</td>
<td></td>
</tr>
<tr>
<td>If an animal eats both plants and animals we call it an...</td>
<td></td>
</tr>
</tbody>
</table>

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**Points of Consideration ...**

<table>
<thead>
<tr>
<th>Do...</th>
<th>Don’t...</th>
</tr>
</thead>
</table>

*Trash can downloaded from http://community.teqsmart.org/download.php*

---

**Extraordinary made simple™ | SMART™**
Drag the formula through the Magic Tube to check the spelling of the derivative.
Drag the input through the Magic Tube to check the output of the function.

<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>
Place the even numbered cards into the box.