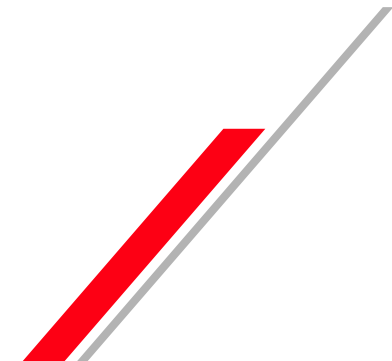


StarBoard Software 9.3 Training for Windows

January 2011
Hitachi Solutions, Ltd.

StarBoard

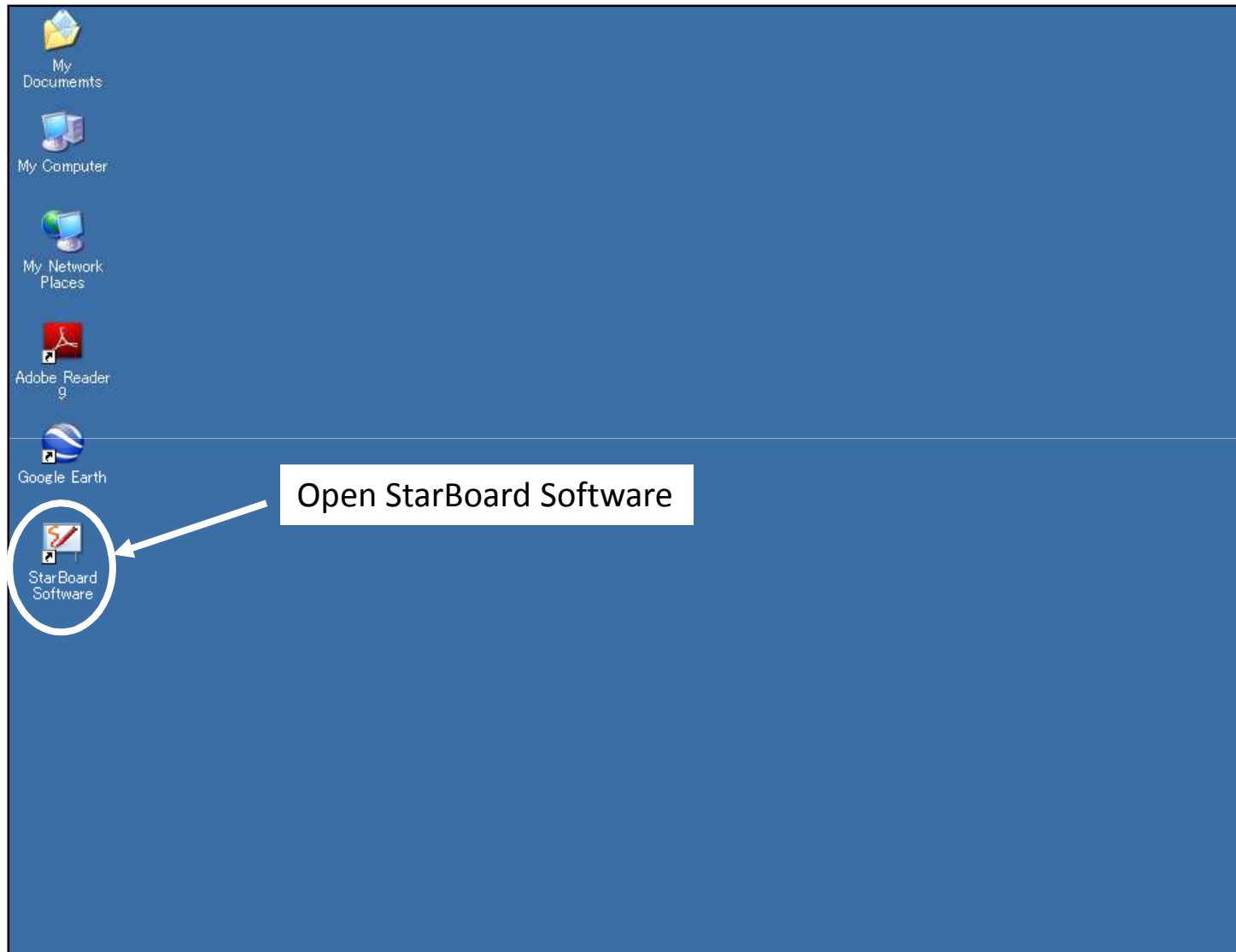
Copyright © 2009, 2011 Hitachi Solutions, Ltd.



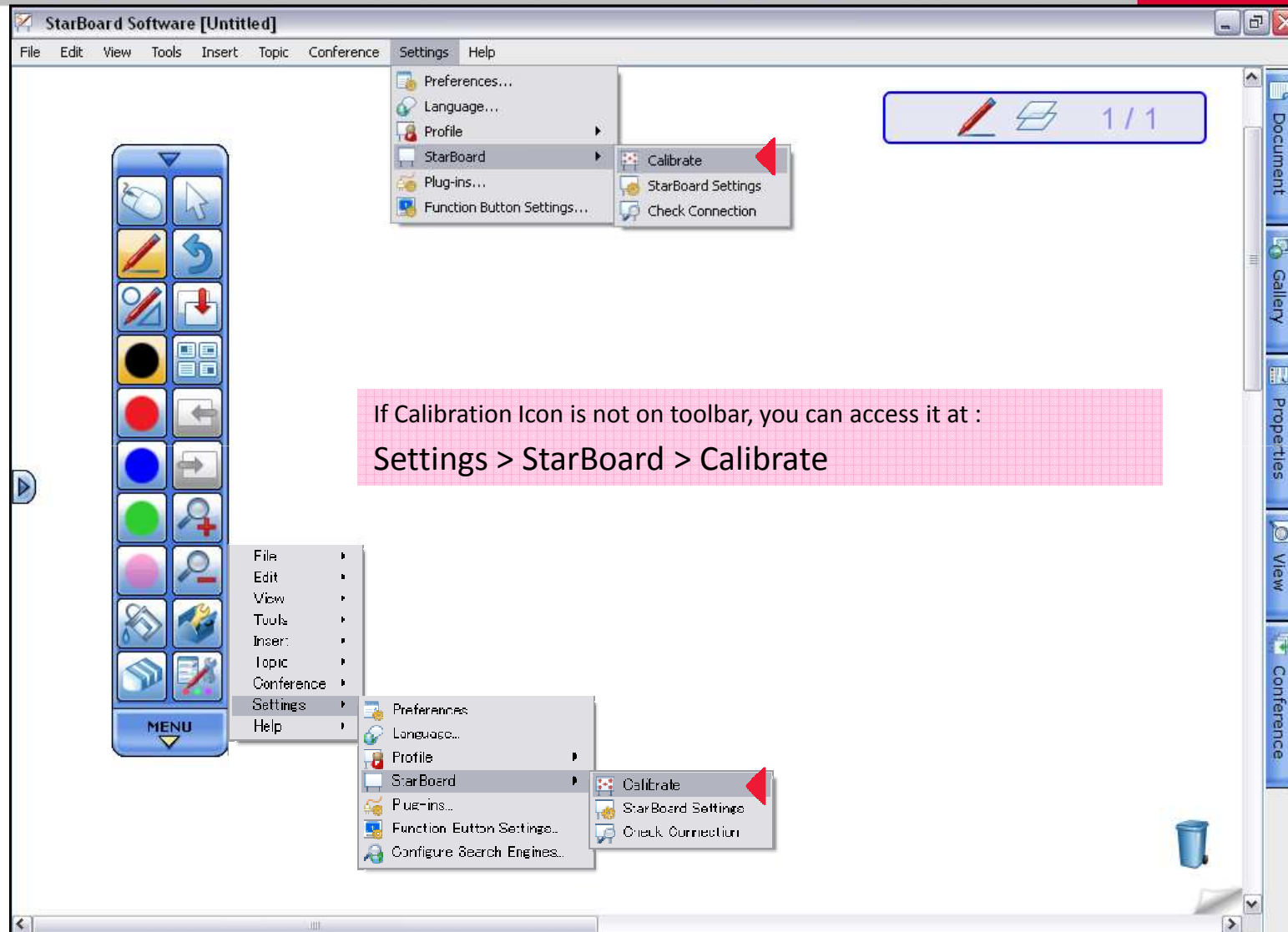
- Open StarBoard Software
- Calibration
- Basics
 - Initial Screen
 - Mouse Operations
 - Whiteboard
- Pen Variations
 - Normal Pen
 - Intelli-Pen
 - Pointer Pen
- Erasers
- Object Fill Tool
- Text Recognition
- Search text in Google/Wikipedia
- Direct Search from handwriting
- Configure Search Engines
- Gallery
 - Clip Art
 - ★ Other Icons in Gallery
 - ★ Find Gallery Folder
 - ★ Favourites
- ★ Integrated Google Image Search
- ★ Drag and Drop images from Web
- Flash Learning Object
- Hyperlink/File Attachment
- Edit Image
- Infinite Clone
- Rich Text
- Customize Toolbar
 - Add, Remove icons
 - Save Toolbar
 - Load Toolbar
 - Action Component
 - Add External App/Doc Icons
- ★ Recent Document
- ★ Topic Selector in Page list
- Merge “.yar” file
- Accessories
- ★ Arc Component
- ★ Snap to Object
- Screen Capture
- Screen Recorder
- Subject Toolbox
- Math Toolbox
- ★ Handwriting/Spelling Toolbox
- Plug-ins
- MyScript Stylus
- Export File
- Conference Mode
 - Start conference
 - Join and share annotation
- Further Information

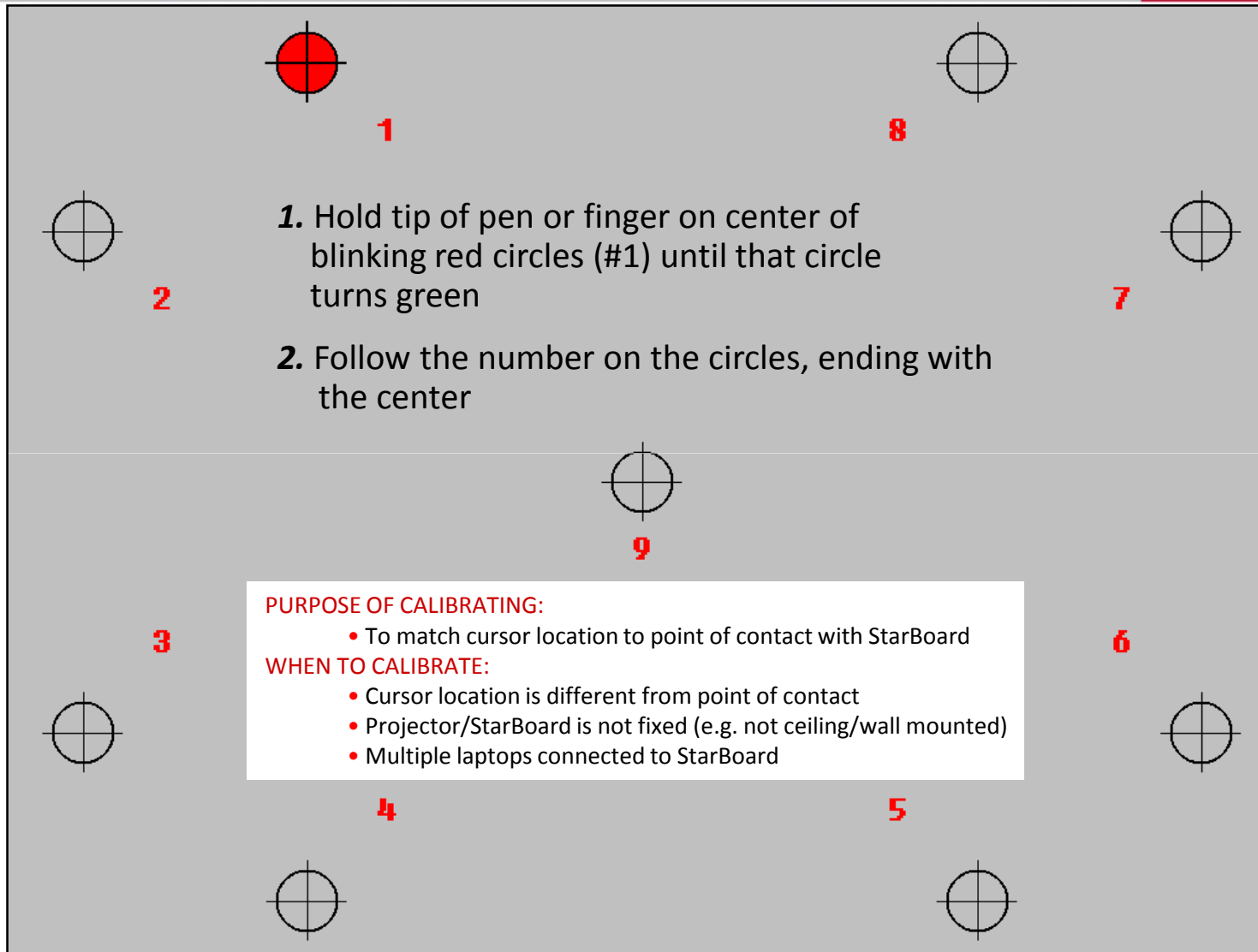
★New Features

▶ Open StarBoard Software



▶ Calibration





The diagram shows a rectangular area representing a StarBoard. It contains nine circular targets, each with a crosshair. Target #1 is a solid red circle at the top center. Targets #2 through #9 are white circles with black outlines, arranged in a grid: #2 (top left), #3 (middle left), #4 (bottom left), #5 (bottom center), #6 (bottom right), #7 (middle right), #8 (top right), and #9 (center). The following instructions are provided:

1. Hold tip of pen or finger on center of blinking red circles (#1) until that circle turns green
2. Follow the number on the circles, ending with the center

PURPOSE OF CALIBRATING:

- To match cursor location to point of contact with StarBoard

WHEN TO CALIBRATE:

- Cursor location is different from point of contact
- Projector/StarBoard is not fixed (e.g. not ceiling/wall mounted)
- Multiple laptops connected to StarBoard

Basics: Initial Screen

The screenshot shows the StarBoard Software interface with several components highlighted and annotated:

- Menu:** A red box highlights the menu bar at the top, containing File, Edit, View, Tools, Insert, Topic, Conference, Settings, and Help. A callout box states: "Menu bar is added like regular Windows applications have."
- Status indicator:** A red box highlights a small toolbar at the top right showing a pencil icon, a document icon, and "1 / 1". A callout box states: "Shows current page and selected tool".
- Side bar:** A red box highlights the left sidebar with tabs for Document, Gallery, Properties, View, and Conference. A callout box states: "Enables quick access to properties. Side bar has 5 expandable tabs: Document, Gallery, Properties, View and Conference".
- Toggle Side bar:** A red box highlights a left-pointing arrow icon on the right side of the interface. A callout box states: "This arrow will switch side bar to the another side".
- Rubbish bin:** A red box highlights a trash can icon at the bottom right. A callout box states: "Quickly delete image objects by dragging objects into Rubbish Bin".

Basics: Mouse Operations

PC Mode

Mouse icon must be selected for Computer operations

The screenshot displays the StarBoard software interface. At the top, a browser window shows the URL http://www.hitachi-soft.com/starboard/products/doc/broch/Hitachi_CPA100FX. Below the browser, a toolbar contains various icons for drawing and navigation. A vertical menu on the left lists options: File, Edit, View, Tools, Insert, Topic, Conference, Settings, and Help. The 'Insert' menu is open, showing options like 'New Page', 'Screenshot', 'Picture...', 'Flash...', 'TWAIN Device', and 'Webcam Device'. The 'Screenshot' option is highlighted with a red arrow. The main display area shows a classroom scene with a large screen displaying a planet quiz. A red circle highlights a child writing 'Sat' on the screen. The text 'annotate here' is written in green over the scene.

Write on Desktop

In StarBoard Software select "Write on Desktop" in Settings>Preferences>Annotation tab>Desktop Options

Write on Captured Desktop

To capture current screen for annotation in StarBoard Software,

- 1) Make sure "Write on Captured Desktop" is selected in Settings>Preferences>Annotation tab >Desktop Options
- 2) Screen Capture: Menu>Insert>Screenshot or click on any pen icon from PC mode

Basics: Whiteboard

The screenshot shows the StarBoard Software interface with several annotations:

- Document Tab** (pink box): View all pages at once, delete pages, insert pages, print, export, copy to whiteboard, add or delete attachments
- Add New Blank Page** (red arrow): Points to the top icon in the left toolbar.
- Move to Previous page** (red arrow): Points to the second icon in the left toolbar.
- Move to Next page** (red arrow): Points to the third icon in the left toolbar.
- Page Menu** (pink box): Click on arrow below page thumbnail to get individual page menu options. A context menu is shown over the 4/6 page thumbnail with options: Show, Delete, Insert Page, Print..., Export..., Duplicate Page, Add to Favourites.

Pen Variations: Normal Pen

The screenshot shows the StarBoard Software interface with several annotations. On the left is a vertical toolbar with a 'MENU' button at the bottom. The main workspace is empty. On the right is a 'Properties' panel with three sections: 'Tool Properties', 'Object Properties', and 'Page Properties'. The 'Tool Properties' section contains a grid of 24 icons representing different pen styles and colors, and a width slider. The 'Page Properties' section includes options for 'Background Color', 'Hide Top Layer', and 'Page Expansion' (checked).

Properties Tab ▶

6 digital ink styles to choose from: Normal Pen (solid),
Highlighter, Outline Pen, Shadow Pen, Tube Pen, Texture Pen

12 colors for each ink / plus 4 customizable colors

Choose the line shape from Solid, dotted or dashed

Small, medium, large / customize width with slider

Normal Pen ◀

Best for annotations and freehand

Clear Page ◀

Erase entire page (current page)

Eraser ◀

Erases lines made with Normal Pen

Clear Annotation ◀

Erase annotation only (current page)

Pen Variations: Intelli-Pen, Pointer-Pen



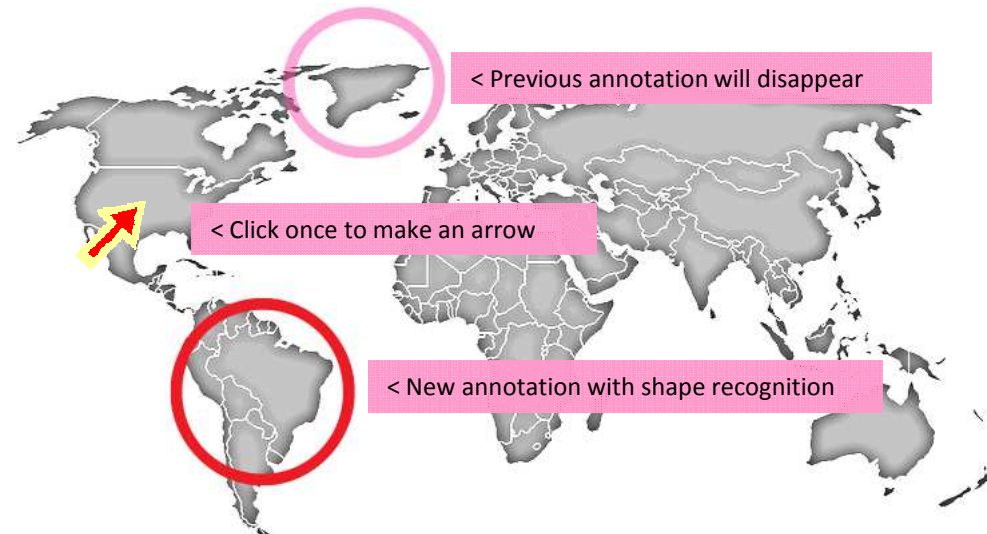
Intelli-Pen

- Automatically converts freehand shapes into geometric objects (supported shapes: rectangle, circle, arrow, star, triangle, polygon, Diamond, Line)
- Convert handwriting into text
- Search text in Google, Wikipedia, or any search engines
- Great for Math lessons when used with grid



Pointer Pen

- Works the same as a laser pointer
- With each annotation, the previous annotation will disappear
- Click once to make an arrow
- Works well with presentations



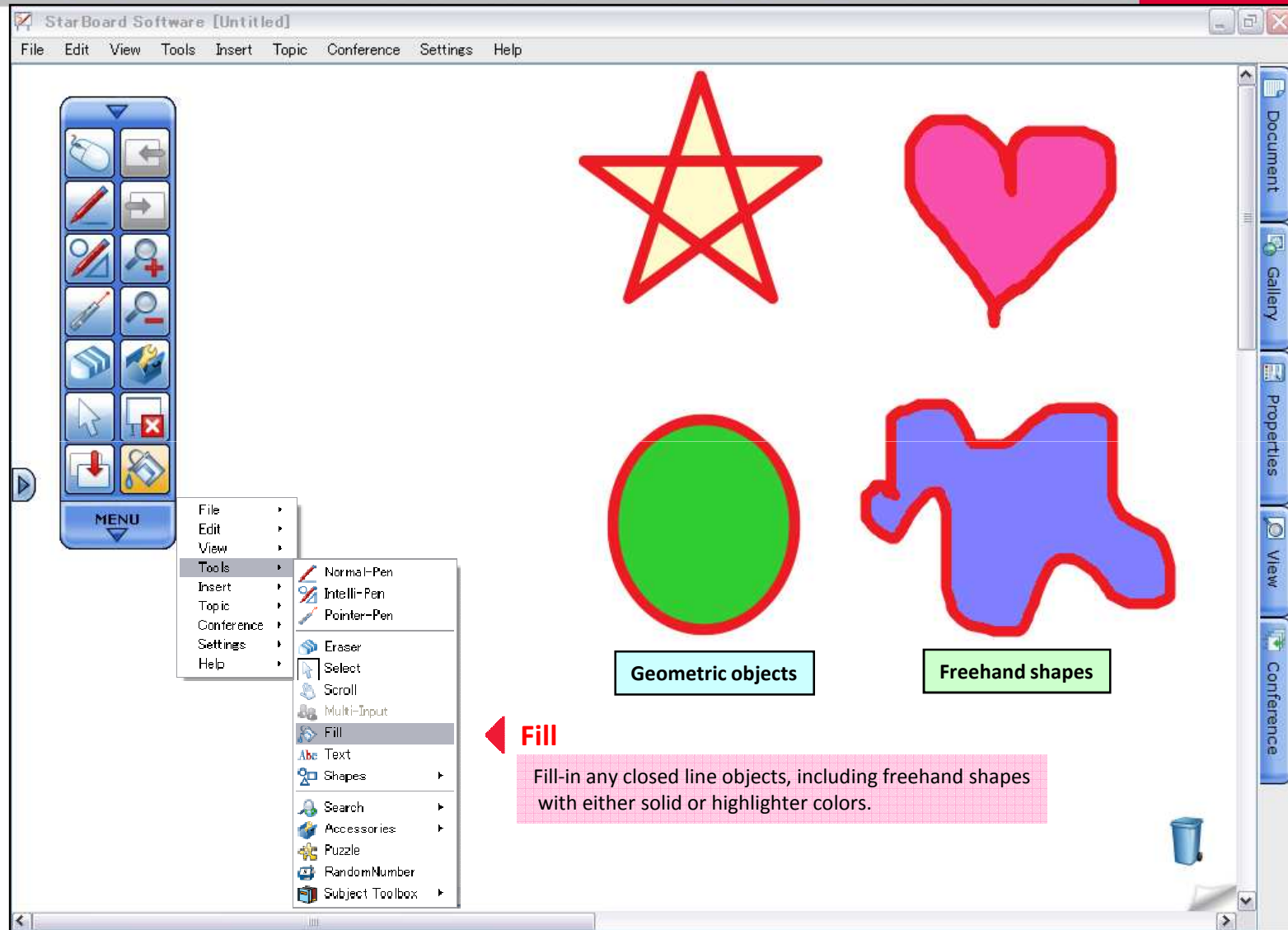
Erasers

The screenshot shows the StarBoard Software interface with a menu bar (File, Edit, View, Tools, Insert, Topic, Conference, Settings, Help) and a toolbar on the left. The main workspace contains three tool descriptions:

- Normal eraser**: Erases annotations by normal pen. The icon shows a blue eraser. A red scribble is shown in the workspace.
- Image eraser**: Erases both annotations and inserted images. Erasable image must be in raster format (jpg, bmp, png, etc). The icon shows a blue eraser over a landscape image. A landscape image with white scribbles is shown in the workspace.
- Eraser width**: Choose from three different eraser widths. The icon shows three blue eraser icons of increasing size.

The right sidebar contains buttons for Document, Gallery, Properties (highlighted with a red box), View, and Conference. A red arrow points to the Properties button.

▶ Object Fill-in



The screenshot shows the StarBoard Software interface with a menu bar (File, Edit, View, Tools, Insert, Topic, Conference, Settings, Help) and a toolbar. A pink box contains the following instructions:

Convert handwriting into text

- 1) Write out word or phrase using Intelli-Pen
- 2) Select word by clicking on it once with Intelli-pen (Menu bar will automatically appear)
- 3) Choose the word from the menu to replace writing with text

A vertical toolbar on the left is labeled **Intelli- Pen** and described as "Best for writing notes and drawing shapes". The main workspace shows the word "photosynthesis" written in green cursive, enclosed in a selection box. A red arrow points down to the word "photosynthesis" in a clean, green, sans-serif font. A context menu is open over the word, listing options such as Cut, Copy, Duplicate, Delete, Lock, Edit Hyperlink..., Object Properties, Add to Favourites, Order, Rotate/Flip, Search photosynthesis in Google, and Search photosynthesis in Wikipedia. The right sidebar contains buttons for Document, Gallery, Properties, View, and Conference.

Search Text in Google™ / Wikipedia

StarBoard Software [Untitled]
File Edit View Tools Insert Topic Conference Settings Help

Google Search →
Select handwriting or text to bring up menu bar, then select "Search in Google"

Wikipedia Search →
Select handwriting or text to bring up menu bar, then select "Search in Wikipedia"

photosynthesis - Google Search - Windows Internet Explorer
http://www.google.com/images?q=photosynthesis&um=1&oe=UTF-8

Google photosynthesis
About 719,000 results (0.17 seconds) Advanced search

Photosynthesis - Wikipedia: the free encyclopedia - Windows Internet Explorer
http://en.wikipedia.org/wiki/Photosynthesis

WIKIPEDIA The Free Encyclopedia

Photosynthesis
From Wikipedia, the free encyclopedia

This article needs additional citations for verification. Please help improve this article by adding reliable references. Unsourced material may be challenged and removed. (August 2007)

Photosynthesis (from the Greek *phōs*- [phōs-] "light," and *synthesis* [synthesis-] "putting together," "composition") is a process that converts carbon dioxide into organic compounds, especially sugars, using the energy from sunlight. Photosynthesis occurs in plants, algae, and many species of bacteria, but not in archaea. Photosynthetic organisms are called *photoautotrophs*, since they can create their own food. In plants, algae, and cyanobacteria, photosynthesis uses carbon dioxide and water, releasing oxygen as a waste product.

$6\text{CO}_2 + 6\text{H}_2\text{O} \xrightarrow{\text{light}} \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$
Carbon dioxide + Water → Sugar + Oxygen

Direct Search from handwriting

The screenshot shows the StarBoard Software interface. At the top, there is a menu bar with options: File, Edit, View, Tools, Insert, Topic, Conference, Settings, Help. Below the menu bar is a toolbar with various icons. In the center, the word "photosynthesis" is written in green cursive handwriting on a white background. A context menu is open over the word, listing various actions such as Cut, Copy, Duplicate, Delete, Lock, Edit Hyperlink..., Object Properties, Add to Favourites, Order, Rotate/Flip, Search photosynthesis in Google, and Search photosynthesis in Wikipedia. A red arrow points to the "Search photosynthesis in Google" option. To the left of the main workspace is a vertical toolbar with a "MENU" button at the bottom. On the right side, there is a vertical toolbar with buttons for Document, Gallery, Properties, View, and Conference. At the bottom right, there is a trash can icon.

Direct Search from handwriting

Select the handwriting to bring up the menu bar, then select "Search word in Google/Wikipedia"

Handwriting will not convert to text automatically.
If you want to convert, please follow the procedure of Text Recognition.

MENU

- photosynthesis
- photosynthesis
- Cut (Ctrl+X)
- Copy (Ctrl+C)
- Duplicate
- Delete (Del)
- Lock
- Edit Hyperlink...
- Object Properties
- Add to Favourites
- Order
- Rotate/Flip
- Search photosynthesis in Google
- Search photosynthesis in Wikipedia

Configure Search Engines

StarBoard Software [Untitled]

File Edit View Tools Insert Topic Conference Settings Help

Configure Search Engines

Please select search engines

	Title	URL
<input checked="" type="checkbox"/>	Google	http://www.google.com/search?q=%1
<input checked="" type="checkbox"/>	Wikipedia	http://www.wikipedia.org/wiki/%1
<input type="checkbox"/>	Bing	http://www.bing.com/search?q=%1
<input type="checkbox"/>	other site	you can enter the address which you want to use.

Restore Defaults OK Cancel

File Edit View Tools Insert Topic Conference Settings Help

- File
- Edit
- View
- Tools
- Insert
- Topic
- Conference
- Settings
 - Preferences...
 - Language...
 - Profile
 - StarBoard
 - Plug-ins...
 - Function Button Settings...
 - Configure Search Engines...
- Help

Configure Search Engines

Customize the Search Engines by following these steps:

- 1) Open Menu>Settings>Configure Search Engines...
- 2) Type the title and URL which you want to use for text/direct search
- 3) Search Engines option will appear, if you check the checkbox

* Default search engines: Google, Wikipedia, Bing, and Yahoo!

Gallery: Clipart

The screenshot shows the StarBoard Software interface with the Gallery tab selected. A red box highlights the Gallery icon in the top right. A list of folders is visible, including Weather, Geography, Information Technology, Mathematics, 3D shapes, Addition and subtraction, Calculator, Decimals fractions, Mathematical tools, Measurement, Multiplication and division, Music, and Physical education. A red arrow points from the '3D shapes' folder to a 3D orange cube on the main canvas. The cube is selected with a white border and a 'MENU' button. A red arrow points from the 'MENU' button to a context menu with the following options: Insert image, Insert background image, Add as background on new page, Delete, and Item settings... A red arrow also points from the 'MENU' button to a pink box containing a list of instructions.

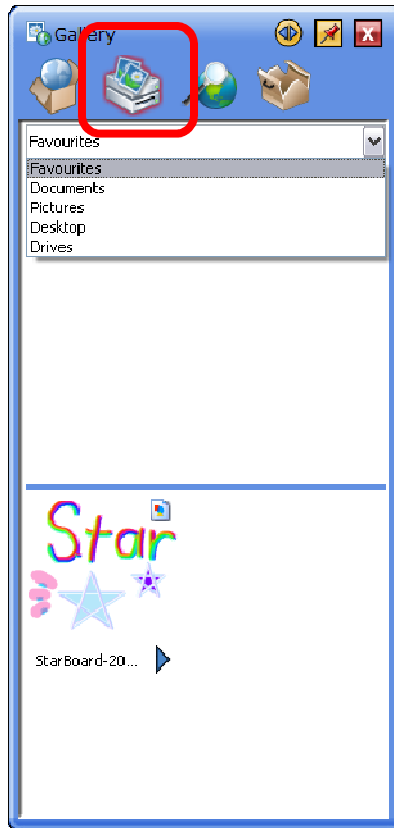
StarBoard Content ▶

- 1) Select Gallery tab
- 2) Select Clipart, choose any sub-folder
- 3) Drag image onto page
- 4) Move, resize, and rotate with select tool

Clipart options ▶

Click on arrow below object, then choose an option:
Insert image, Insert background image, Add as background on new page, Add to Favourites, Delete, and Item settings

Gallery: Other Icons in Gallery ☆New☆



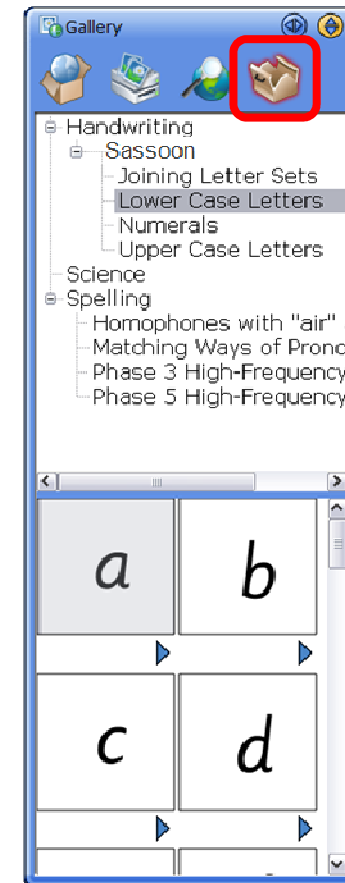
Favourites/Drives

Access to Favourites, MyDocuments, MyPictures, Desktop, and any drives from this icon and import objects to StarBoard Software.



Google Image Search

Search Google Image directly in StarBoard Software.
For Detail, refer to "Google Image Search" in page 22.



ToolBox Contents

Access to ToolBox Contents includes; Handwriting, Science, and Spelling.
For detail, refer to "Handwriting/Spelling Toolbox" in page 43.

Gallery: Find Gallery Folder *★New★*

The screenshot shows the StarBoard Software interface. At the top, the title bar reads "StarBoard Software [StarBoard-2010-11-11-17-18-29]". The menu bar includes "File", "Edit", "View", "Tools", "Insert", "Topic", "Conference", "Settings", and "Help". A toolbar at the top center shows a pencil and eraser icon and a page indicator "11 / 11".

The "Find Gallery Folder" dialog box is open, with the "Keyword" field containing "Mathematics". It has "Previous", "Find", and "Close" buttons. The "Edit" menu is open, and the "Find Gallery Folder..." option is highlighted. A red arrow points from the text "Find Gallery Folder" to this menu item.

The "Gallery" panel on the right shows a list of folders: Astronomy, Backgrounds, Biology, Chemistry, Clip art, Geography, Information Technolog, Mathematics, 3D shapes, Addition and subtr..., Calculator, Decimals fractions, Mathematical tools, and Measurement. The "Mathematics" folder is highlighted with a red circle.

A pink text box at the bottom right contains the following text:

Types a keyword and hits the Enter key or Find button, StarBoard Software looks into Gallery folders and shows the first folder that contains keyword.
Edit > Find Gallery Folder

Gallery: Favourites – Add to Favourite ☆New☆

The screenshot shows the StarBoard Software interface. The main workspace contains a colorful 'Star' text and two star graphics. A context menu is open over the 'Star' text, with 'Add to Favourites' highlighted. A dialog box titled 'Add to Favourites' is open, showing a dropdown menu for 'Favourites' and 'OK' and 'Cancel' buttons. The 'OK' button is highlighted with a red box. A red arrow points from the 'OK' button to the 'Star' object in the Gallery panel on the right. The Gallery panel shows a 'Favourites' list with 'Folder1', 'Folder2', and 'Folder3'. The 'Star' object is visible in the Gallery preview area.

StarBoard Software [untitled]
File Edit View Tools Insert Topic Conference Settings Help

3 / 4

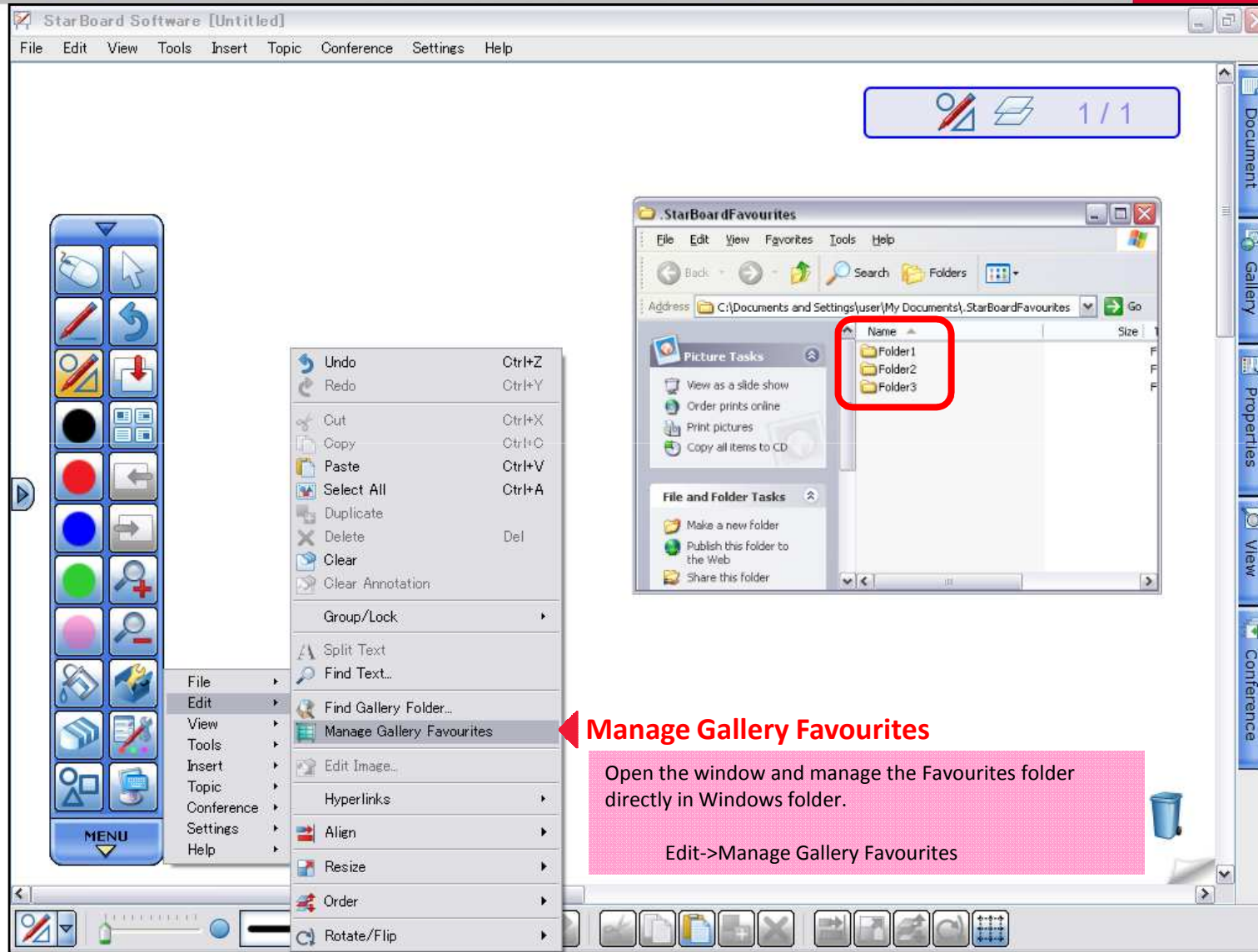
MENU
Star
S: xar
S: xan
Cut Ctrl+X
Copy Ctrl+C
Duplicate
Delete Del
Group Ctrl+G
Lock
Object Properties
Add to Favourites
Align
Resize
Order
Rotate/Flip
Search Star in Google
Search Star in Wikipedia

Add to Favourites
Favourites: Favourites
OK Cancel

Gallery
Gallery
Favourites
Folder1
Folder2
Folder3
Star
StarBoard-20...

Select the folder or make a new folder and save and use objects as clipart.

Gallery: Favourites – Manage Gallery Favourites ☆New☆



Integrated Google Image Search ☆New☆

The screenshot displays the StarBoard Software interface. On the left is a vertical toolbar with various drawing and editing tools. The main workspace shows a Hitachi StarBoard with a globe image on its screen. A pink text box with a grid background is overlaid on the workspace, containing the following text:

Google Image Search
Type the keyword which you would like to search.
Google image search results are displayed automatically with image size.
These images are used and managed same as StarBoard Software clipart.

On the right side, a 'Gallery' window is open, showing a search for 'HitachiStarBoard'. A red box highlights a globe icon in the gallery's search results. A red arrow points from this icon to the globe image on the StarBoard screen. Another red arrow points from the globe on the StarBoard screen to a red box highlighting a globe icon in the gallery's search results. The gallery window also shows various image thumbnails with their dimensions.

▶ Drag and Drop images from Web browser ☆New☆

The screenshot displays the StarBoard Software interface. On the left is a vertical toolbar with various drawing and navigation tools. The main workspace shows a large image of a man pointing at a screen with a green wavy graphic. A red arrow indicates the image being dragged from a web browser window on the right. The browser window shows a page titled 'Classroom Stimulus Bundle: Hitachi Solutions America, Ltd.' with a navigation menu and a list of products. A pink text box explains the process: 'Drag and drop the image directly from Web browser. SBS creates an image component, if the HTML fragment does not contain URL/Link. (Just an image)'. The software window has a menu bar (File, Edit, View, Tools, Insert, Topic, Conference, Settings, Help) and a status bar at the bottom with various icons.

StarBoard Software [starboard-2010-11-17-17-15-02]

File Edit View Tools Insert Topic Conference Settings Help

7 / 12

Document

Drag and drop the image directly from Web browser. SBS creates an image component, if the HTML fragment does not contain URL/Link. (Just an image)

Classroom Stimulus Bundle: Hitachi Solutions America, Ltd. - Windows ...

http://hitachi-solutionsus...

Classroom Stimulus Bundle ...

Products Educator Portal Support Training How to Buy News

Interactive Whiteboards Bundle Solutions LCD Panels Wireless Tablet Plasma Overlay StarBoard Software

StarBoard Products

Classroom Stimulus Bundle

Interactive Whiteboards

- [FXTRIC-Series](#)
- [FXDUO-Series](#)
- [FX-Series](#)

Bundle Solutions

- [The Perfect Fit](#)
- [Classroom Stimulus](#)
- [Wide Solution](#)
- [The Anywhere](#)

LCD Panels

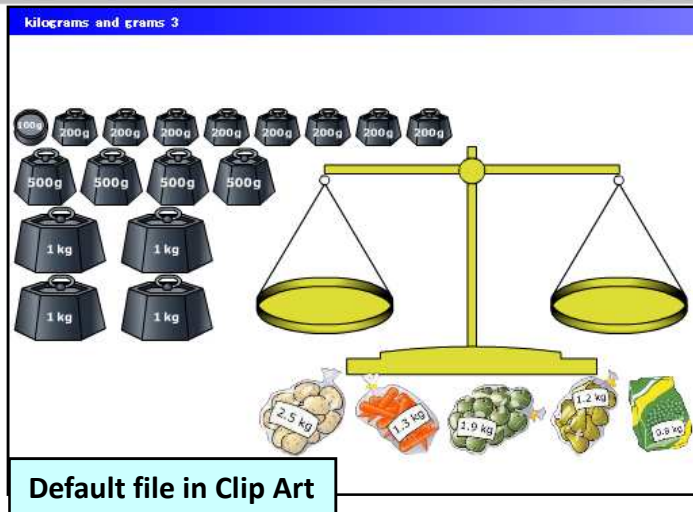
- [T-17SX](#)
- [T-19WX](#)

Wireless Tablet

- [Plasma Overlay](#)
- [StarBoard Software](#)

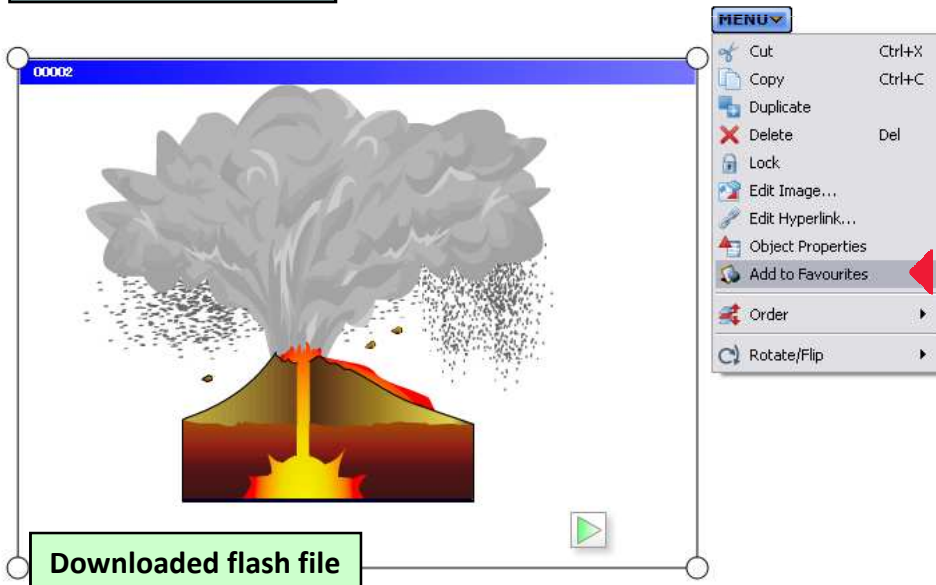


Flash Learning Object



Flash learning object

Many Interactive flash files which is good for learning Math and Science are already included in Clipart. Or you can use you own/downloaded flash files in StarBoard Software as an object by simply drag and drop the file on to StarBoard Software. Also, you can save the file as Clip Art. Select the file, Menu> Add to Favourites



Hyperlink / File Attachment

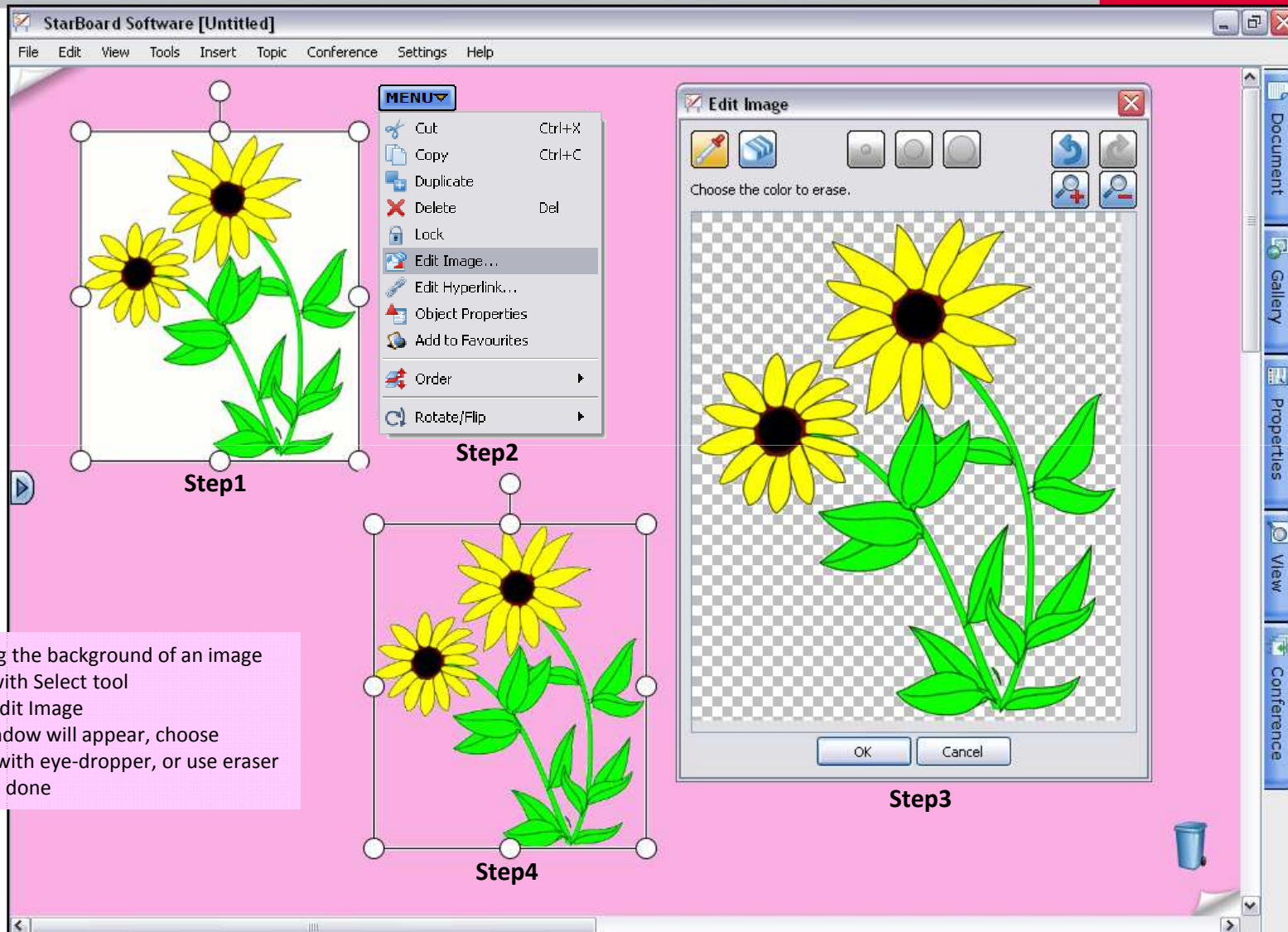
The screenshot shows the StarBoard Software interface. A central image of a rocket launch is selected. A context menu is open over the image, listing options: Cut (Ctrl+X), Copy (Ctrl+C), Duplicate, Delete (Del), Lock, Edit Image..., Edit Hyperlink..., Object Properties, Add to Favourites, Order, and Rotate/Flip. The 'Edit Hyperlink...' option is highlighted. Below the image, the 'Edit Hyperlink' dialog box is open, showing 'Hyperlink Type' set to 'None' and a list of target options: None, Attachment, File, Web page, and Page in the document.

Edit Hyperlink

- 1) Select object with Select tool
- 2) Choose "Edit Hyperlink" from menu
- 3) Choose Hyperlink type:
 - Attachment** – embedded yar file
 - File** – External file on computer
 - Web page** – http://...
 - Page in the document** – links to any page

NOTE:
You can open the hyperlink by double-clicking the object. If you select Attachment, the yar contents work on any PC.

Edit Image



Edit Image

- Great for deleting the background of an image
- 1) Select image with Select tool
 - 2) Go to Menu>Edit Image
 - 3) Edit Image window will appear, choose color to erase with eye-dropper, or use eraser
Press OK when done

▶ Infinite Clone object

You can clone the object as many times as you want with "Infinite Clone".

- 1) Select the object
- 2) Open "Properties" tab, and check "Infinite Clone"
- 3) Drag and drop the object for cloning

Infinite Clone ▶

Properties

Tool Properties

Select Type

Object Properties

Lock

Infinite Clone

Hyperlink

Page Properties

Background Color

Hide Top Layer

Page Expansion

Expand the page automatically

The screenshot displays the StarBoard Software interface. On the left is a vertical toolbar with various tools, including a text tool labeled 'Abc'. A red arrow points to this tool with the text 'Text tool'. Below this, a pink box contains the text: 'Type the text in StarBoard Software by keyboard Or by using the intelli-pen.' In the center of the workspace, a text box contains the text: 'You can use different size, fonts, type (Bold, Italic, underlined), color, superscript, subscript etc. with Text.' To the right of this text box, another pink box says: 'You can change the text properties such as: Size, fonts, text type, color, alignment, etc.' A red arrow points from this box to the 'Properties' panel on the right. The 'Properties' panel is divided into three sections: 'Tool Properties' (font face: Arial, size: 16, bold, italic, underline, subscript, superscript), 'Object Properties' (line color, line style, line width), and 'Page Properties' (background color, hide top layer, page expansion). At the bottom of the workspace, a pink dashed box contains the text 'Left', 'Center', and 'Right', indicating text alignment options.

Customize Toolbar

The screenshot shows the StarBoard Software interface with a toolbar on the left and a menu open. A red arrow points from the 'MENU' button on the toolbar to the 'Tools' menu item. The 'Tools' menu is expanded, showing various tool icons. A red arrow points from the 'Tools' menu to the 'Remove button from toolbar' button in the toolbar. A red arrow points from the 'Tools' menu to the 'Add button to toolbar' button in the toolbar. A red arrow points from the 'Tools' menu to the 'Save toolbar' button in the toolbar. A red arrow points from the 'Tools' menu to the 'Load toolbar' button in the toolbar.

Remove button from toolbar

- 1) Click and hold down icon on toolbar
- 2) Drag and drop icon onto page
- 3) Select "Remove button from toolbar"

Add button to toolbar

- 1) Locate desired tool in menu
- 2) Drag and drop icon onto toolbar

Save toolbar

- 1) Go to Settings>Profile>Save Profile As
- 2) Save on USB to use with any computer

Load toolbar

- 1) Go to Settings>Profile>Load Profile
- 2) Select file, click "Open"

NOTE:
There are predefined profiles for specific purposes:
Settings>Profile>New profile

- 1) Standard settings (DUO/TRIO)
- 2) Standard settings (other models)
- 3) Simple settings (DUO/TRIO)
- 4) Simple settings (other models)
- 5) Slideshow settings

Customize Toolbar(continued) – Action Component

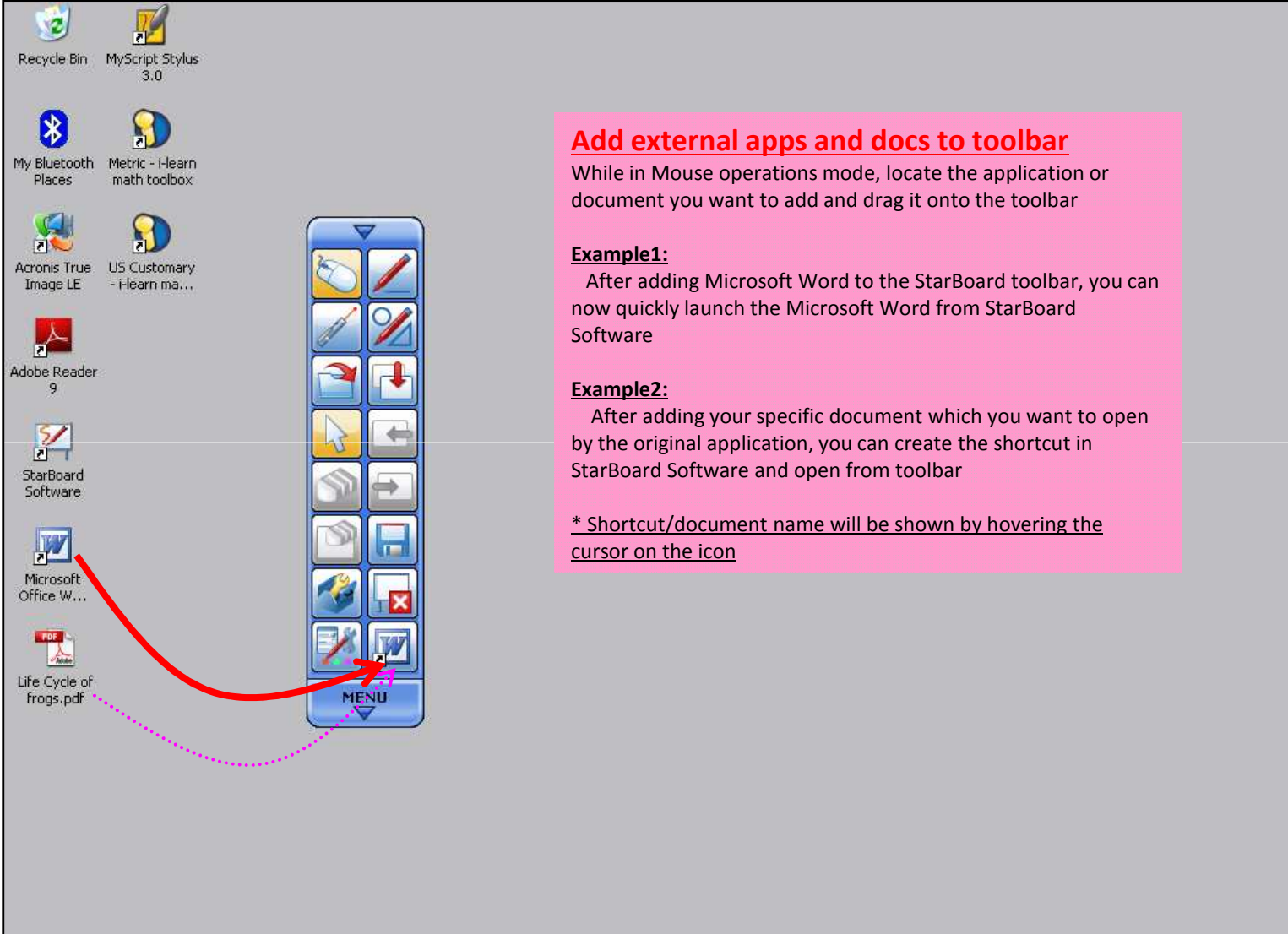
Create button on page

- 1) Click, hold down button on toolbar or menu
- 2) Drag and drop button onto page
- 3) Menu will prompt you with 3 options:
 - Create button on page**
 - Remove button from toolbar**
 - Cancel**Select "Create button on page"

Remove button from page

- 1) Select button with Select tool
- 2) Go to Menu>Delete (or) drag and drop it into Rubbish bin

Customize Toolbar (continued)



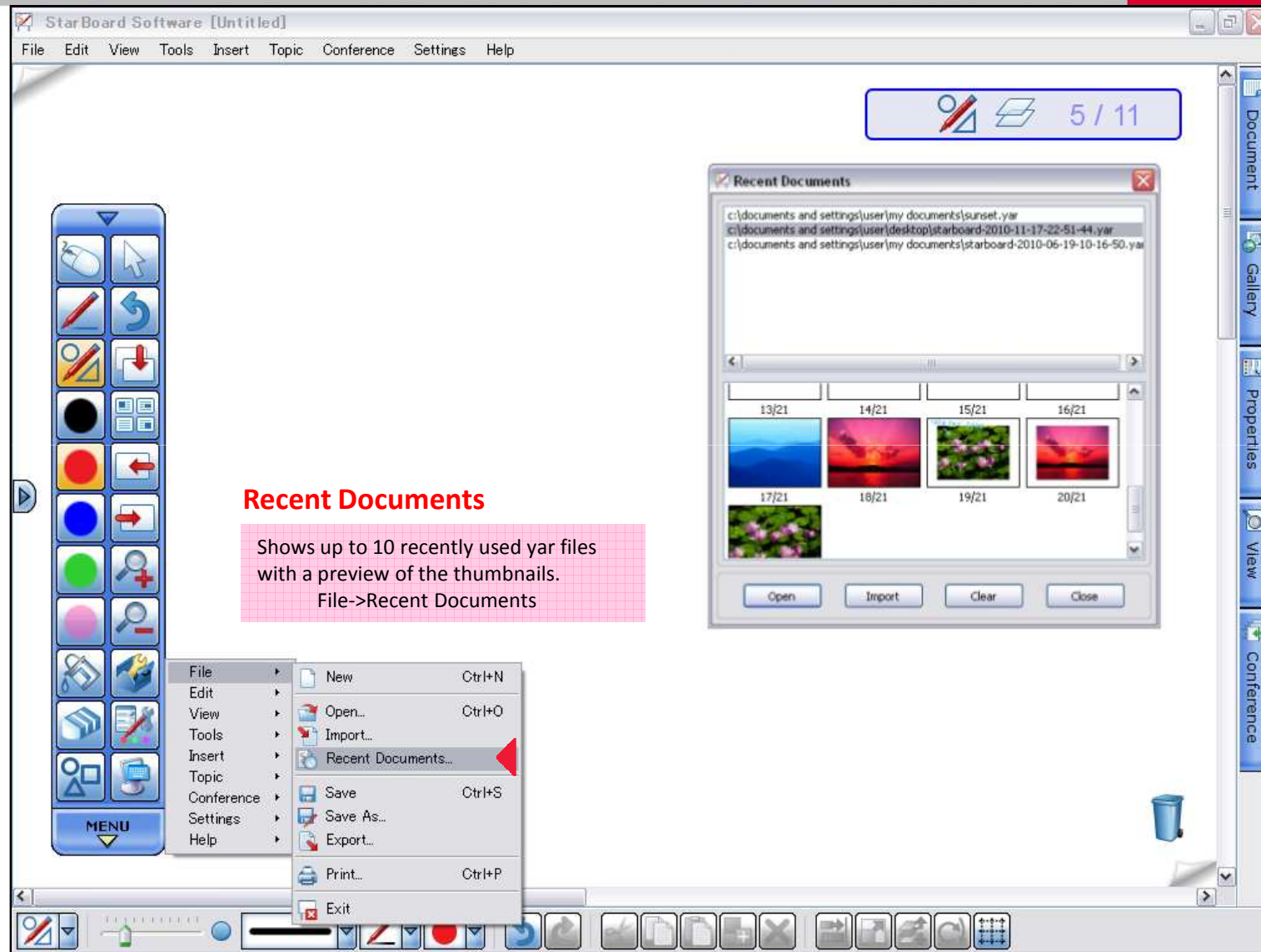
Add external apps and docs to toolbar
While in Mouse operations mode, locate the application or document you want to add and drag it onto the toolbar

Example1:
After adding Microsoft Word to the StarBoard toolbar, you can now quickly launch the Microsoft Word from StarBoard Software

Example2:
After adding your specific document which you want to open by the original application, you can create the shortcut in StarBoard Software and open from toolbar

* Shortcut/document name will be shown by hovering the cursor on the icon

Recent Documents chooser ☆New☆



▶ Topic Selector in Page List ☆New☆

The screenshot displays the StarBoard Software interface. The main window has a menu bar with 'File', 'Edit', 'View', 'Tools', 'Insert', 'Topic', 'Conference', 'Settings', and 'Help'. A toolbar at the top center shows a mouse cursor, a document icon, and '6 / 6'. On the left is a vertical toolbar with various drawing and navigation tools, ending in a 'MENU' button. The right side features a 'Document' panel with a 'Topic List' showing 'Desktop', 'Whiteboard', and 'Water lilies'. Below it is the 'Page List' panel, which displays three page thumbnails labeled '1/7', '2/7', and '3/7'. At the bottom of the Page List, a pull-down menu is open, listing 'Introduction', 'Whiteboard', 'Water lilies', 'training', and 'Introd...101124'. The 'Introduction' item is highlighted with a red circle. Below the Page List is an 'Attachments' panel. A pink text box is overlaid on the interface, containing the following text:

Topic Selector
Choose the topic from the pull-down menu in Page List, then shows the thumbnails of each page.
Easy to access the pages between topics.

Merge “.yar” files

The screenshot shows the StarBoard Software interface with a menu open. The menu path is File > Import... A pink box highlights the 'Merge .yar' file' instruction and a list of steps: 1) Open the base .yar file, 2) Add other .yar files by Menu>File>Import, 3) Once you select the file which you want to merge, the files will automatically merge. A red arrow points from the 'Import...' menu item to a 'Page List' panel on the right, which shows three slides: 'Sample 1', 'Sample 2', and 'Sample 3'. A red arrow labeled 'merge' points from a box containing three 'Sample' icons to the 'Sample 1' slide in the 'Page List'.

Sample 1

merge

Sample1 sample2 sample3

File Edit View Tools Insert Topic Conference Settings Help

File > Import...

Merge “.yar” file

You can merge two or more “.yar” files into one file using the import function.

- 1) Open the base “.yar” file
- 2) Add other .yar files by Menu>File>Import
- 3) Once you select the file which you want to merge, the files will automatically merge.

Page List

Sample 1

1/3

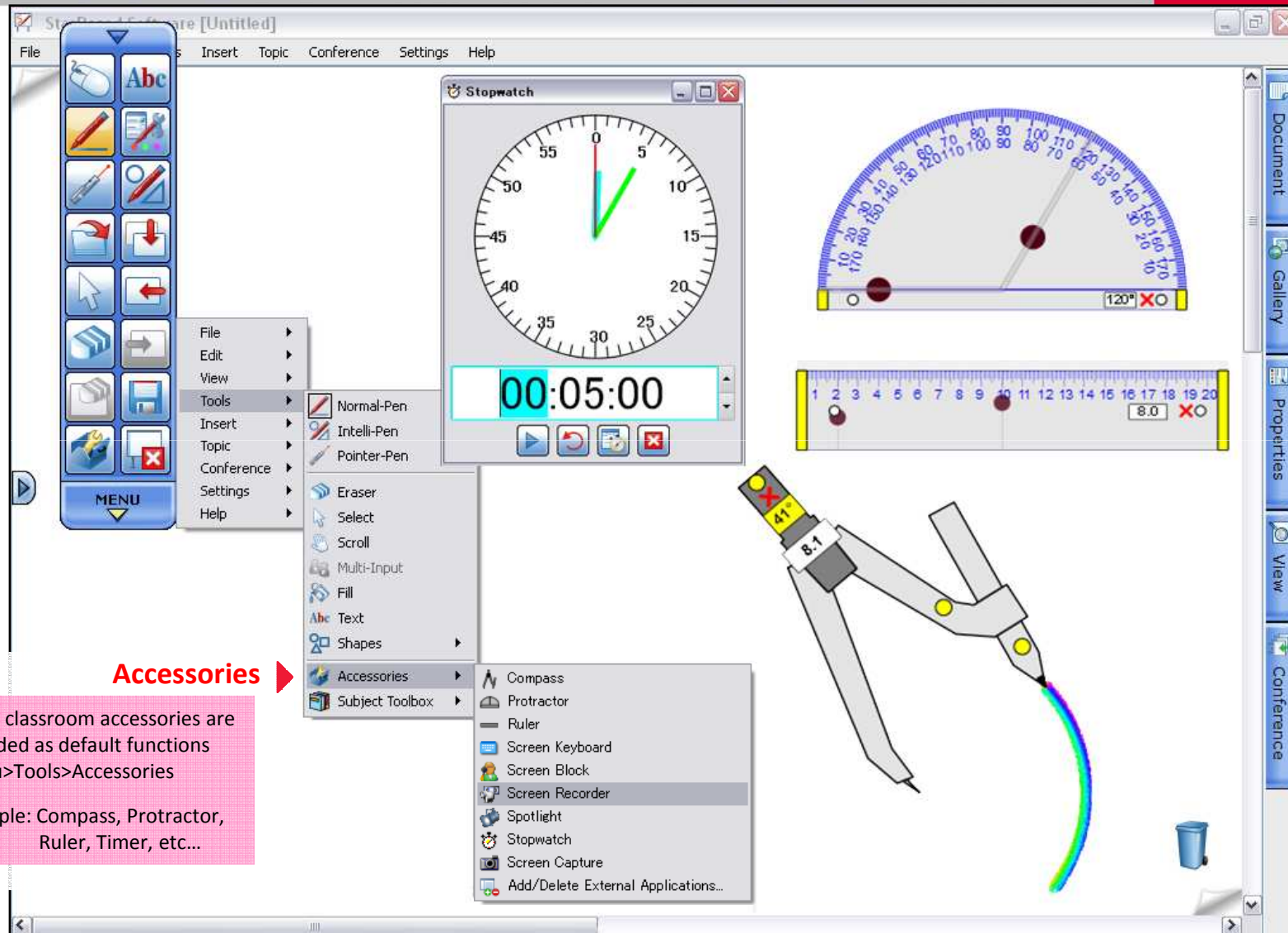
Sample 2

2/3

Sample 3

3/3

Document Gallery Properties View Conference



Accessories ▶

Some classroom accessories are provided as default functions
Menu>Tools>Accessories

Example: Compass, Protractor, Ruler, Timer, etc...

Arc component ☆New☆

StarBoard Software [改StarBoard-2010-11-11-17-18-29]

File Edit View Tools Insert Topic Conference Settings Help

1 / 11

After you describe an arc with compass (less than 360 degrees), check "Show Radius Lines" in Properties tab. The arc component renders radius lines in addition to the arc. Also manage the angle of the arc.

Properties

Tool Properties

Object Properties

Lock

Infinite Clone

Show Radius Line:

Hyperlink

Line Color

Line Style

Line Width

Fill Color

Pane Properties

Show Radius Lines check box

File Edit View Tools Insert Topic Conference Settings Help

Normal-Pen

Intelli-Pen

Pointer-Pen

Compass

Protractor

Ruler

Screen Keyboard

screenblock

screenrecorder

Spotlight

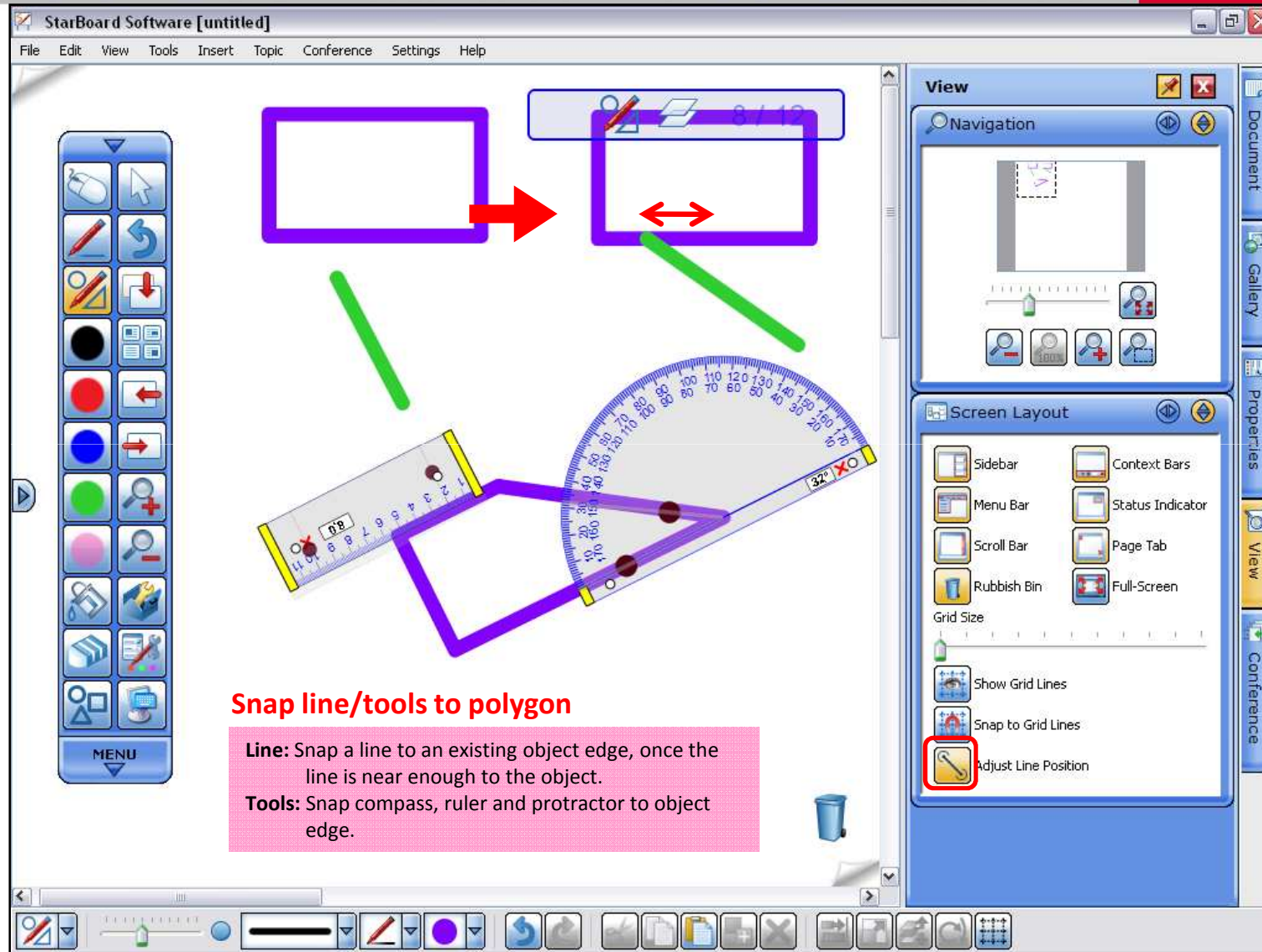
stopwatch

Screen Capture

Accessories

Add/Delete External Applications...

▶ Snap Line to Object ☆New☆



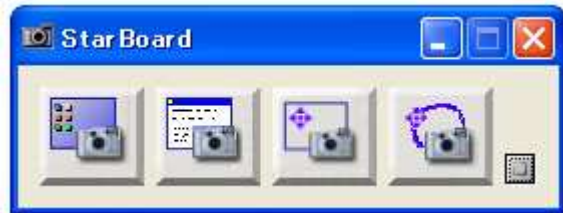
▶ Snap Line to Object (continued) ☆New☆

Snap line/tools to circle

Line: Snap a line to middle of a circle or edge of a circle.

Tools: Snap compass, ruler and protractor to center of a circle. So you can draw concentric circle or tangential line.

▶ Screen Capture



(1) (2) (3) (4)

◀ Screen Capture Options

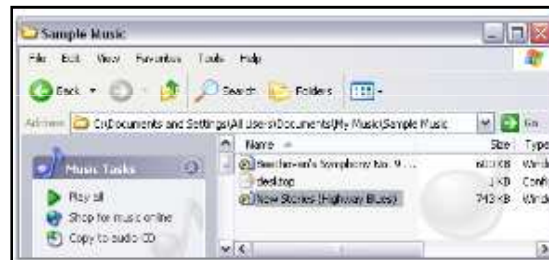
To access screen capture tool, go to:
Tools>Accessories>Screen Capture

- 1) Full Screen
- 2) Window
- 3) Partial Selection
- 4) Freehand Selection

▼ Full Screen



▼ Window



▼ Freehand Selection



▼ Partial Selection



The screenshot displays the StarBoard Software interface with the 'Tools' menu open, highlighting the 'Screen Recorder' option. A 'Screen Recorder Settings' dialog box is open, showing options for audio recording, file naming, and recording quality. A 'Screen Recorder' toolbar is also visible with 'Record/Stop' and 'Pause' buttons.

▼ Screen Recorder Settings

Audio

- No Audio
- Windows Audio
- Record Microphone

Set file name after recording

Open output folder after recording

Output Folder

...s and Settings\user\My Documents\StarBoard

Recording Quality

- High
- Standard Expected size of 10 minutes recording
- Small 10 MB

Screen Recorder

You can record your annotation and voice by simply push "Record" button.

To open Screen Recorder window,
Go to: Tools>Accessories>Screen Recorder

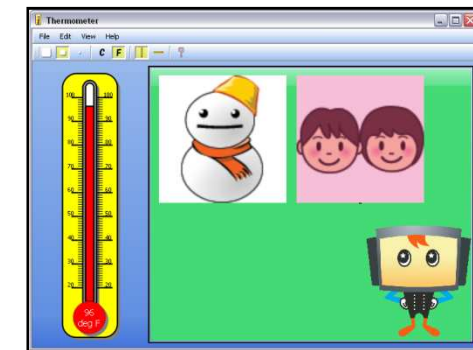
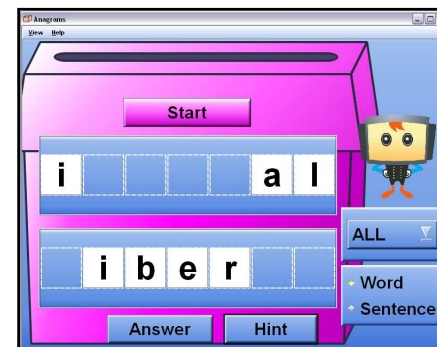
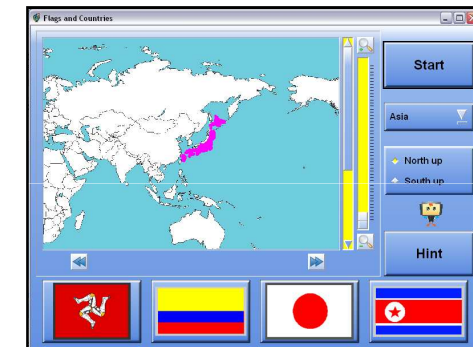
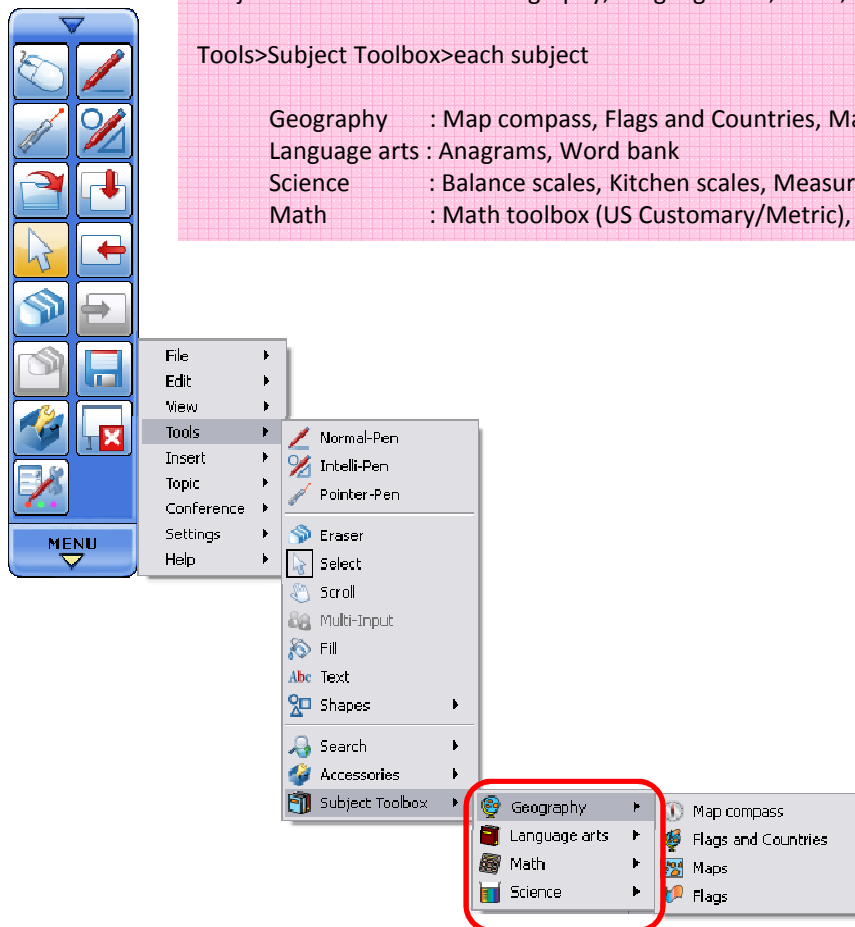
After stop recording, you can save the recorded file as Windows Media Video (.wmv). Then you can play anytime with any media player which supports wmv file format.

Subject Tool Box

Subject Tool Box includes: Geography, Language Arts, Math, and Science

Tools>Subject Toolbox>each subject

- Geography : Map compass, Flags and Countries, Maps, Flags
- Language arts : Anagrams, Word bank
- Science : Balance scales, Kitchen scales, Measuring cylinder, Thermometer
- Math : Math toolbox (US Customary/Metric), Math lesson files, Protractor, Ruler

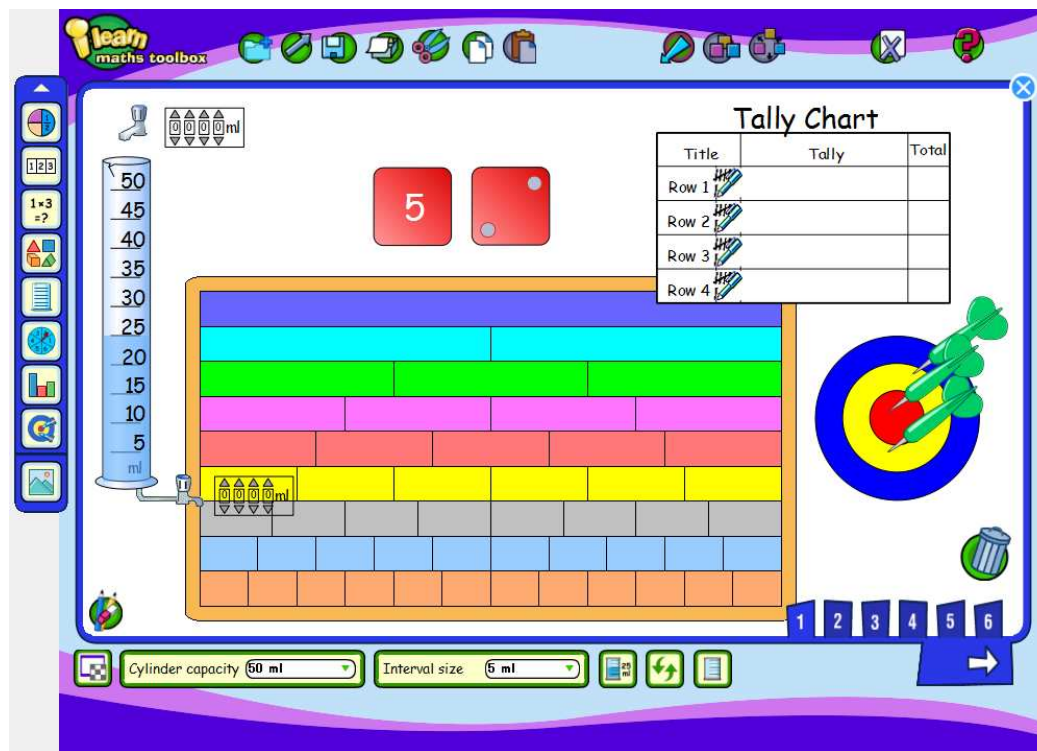


Math(s) toolbox

Math(s) toolbox was originally developed by Cambridge-Hitachi, and includes many Interactive features.

Math(s) toolbox includes: Fractions, Numbers, Calculations, Shapes and Space, Measures, Probability, Handling Data, Solving Problems, Image library etc.

For US schools: You can use either US Customary or Metric for your class. (Also provides over 200 lesson files and plans.)



▼ Lesson files (available for US ONLY)

Number		
N7.1 Place Value	Lesson Plan	Toolbox Lesson
N7.2 Fractions	Lesson Plan	Toolbox Lesson
N7.3 Measures	Lesson Plan	Toolbox Lesson
N7.4 Ratio and Proportion	Lesson Plan	Toolbox Lesson
N8.1 Multiples, Factors and Primes	Lesson Plan	Toolbox Lesson
N8.2 Products of Prime Factors	Lesson Plan	Toolbox Lesson
N8.3 Adding Fractions	Lesson Plan	Toolbox Lesson
N8.4 Multiplication Methods	Lesson Plan	Toolbox Lesson
N8.5 Units of Measurement	Lesson Plan	Toolbox Lesson
Algebra		
A7.1 Number Sequences	Lesson Plan	Toolbox Lesson
A7.2 Equations and Expressions	Lesson Plan	Toolbox Lesson
A7.3 Sequences from Patterns	Lesson Plan	Toolbox Lesson
A7.4 Equations and Formulae	Lesson Plan	Toolbox Lesson
A7.5 Mappings and Graphs	Lesson Plan	Toolbox Lesson
A8.1 Describing Sequences	Lesson Plan	Toolbox Lesson
A8.2 Equations and Expressions	Lesson Plan	Toolbox Lesson
A8.3 Functions and Sequences	Lesson Plan	Toolbox Lesson
A8.4 Graphs	Lesson Plan	Toolbox Lesson
A8.5 Real Life Graphs	Lesson Plan	Toolbox Lesson
Shape, Space and Measures		
S7.1 Perimeter and Area	Lesson Plan	Toolbox Lesson
S7.2 Coordinates	Lesson Plan	Toolbox Lesson
S7.3 Angles	Lesson Plan	Toolbox Lesson
S7.4 Transformations	Lesson Plan	Toolbox Lesson
S7.5 Construction	Lesson Plan	Toolbox Lesson
S8.1 Angles in Parallel Lines	Lesson Plan	Toolbox Lesson
S8.2 Area of Triangles and Quadrilaterals	Lesson Plan	Toolbox Lesson
S8.3 Enlargement	Lesson Plan	Toolbox Lesson
S8.4 Translations	Lesson Plan	Toolbox Lesson
Handling Data		
D7.1 Probability	Lesson Plan	Toolbox Lesson
D7.2 Averages	Lesson Plan	Toolbox Lesson
D7.3 Frequency and Average	Lesson Plan	Toolbox Lesson
D8.1 Probability of Two Events	Lesson Plan	Toolbox Lesson
D8.2 Graphs and Charts	Lesson Plan	Toolbox Lesson
D8.3 Relative Frequency	Lesson Plan	Toolbox Lesson

▶ Handwriting/Spelling toolbox ☆New☆

The screenshot shows the StarBoard Software interface. At the top, there is a menu bar with options: File, Edit, View, Tools, Insert, Topic, Conference, Settings, Help. Below the menu bar is a toolbar with icons for a mouse, a folder, and a page indicator '2 / 2'. The main workspace contains a window titled 'Lower case A' with a large black letter 'c' and a red dot at its starting point. Below the letter are three control buttons: a pause button, a play button, and a refresh button. A red arrow points from the play button to a gallery of interactive objects on the right. The gallery is titled 'Gallery' and contains a tree view with categories: Handwriting (Sassoon, Joining Letter Sets, Lower Case Letters, Numerals, Upper Case Letters), Science, and Spelling (Homophones with "air", Matching Ways of Prono, Phase 3 High-Frequency, Phase 5 High-Frequency). A red box highlights a folder icon in the gallery. Below the gallery is a grid of letter cards: 'a', 'b', 'c', and 'd'. A vertical toolbar on the left contains various drawing and editing tools, and a 'MENU' button at the bottom. A vertical toolbar on the right contains 'Document', 'Gallery', 'Properties', 'View', and 'Conference' buttons.

Handwriting / Spelling toolbox

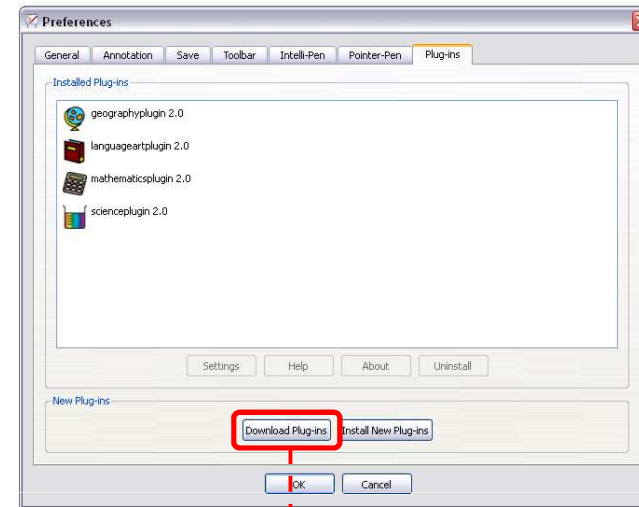
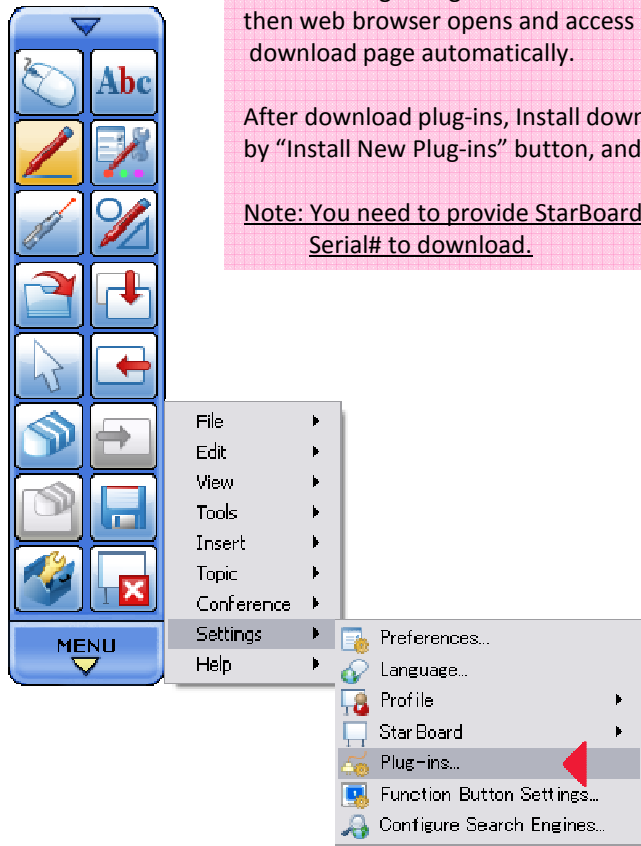
Handwriting / Spelling toolbox was originally developed by Cambridge-Hitachi, and includes interactive objects ,
Such as: Handwriting order of letters and numbers,
Spelling games etc.

Plug-ins

StarBoard Software provides additional tools and beta version tools as “plug-ins” on website. To access plug-in download page, Go to: Settings>Plug-ins>Download Plug-ins, then web browser opens and access to Plug-in download page automatically.

After download plug-ins, Install downloaded plug-ins by “Install New Plug-ins” button, and ready to use.

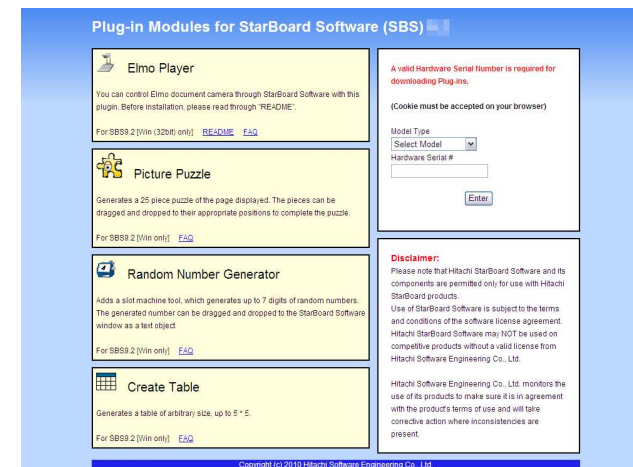
Note: You need to provide StarBoard model type and Serial# to download.



Link to ↓



▶ Plug-ins Download page



MyScript Stylus

MyScript Stylus is a text input tool, which you can use with any applications .

To activate MyScript Stylus, either Double-click the shortcut on desktop, or Click the icon on tasktray.

There are 3 different mode in Myscript Stylus:

- Writing pad : You can write in cursive style, it does not matter if you join up every letter
- Character pad : If you want to write character by character, for example Proper Names, Acronyms, Abbreviations, Email addresses, etc. , use this mode
- Virtual keyboard : You can type on screen as normal keyboard

[For more detailed usage of MyScript Stylus, please refer MyScript Stylus help page from Preferences](#)

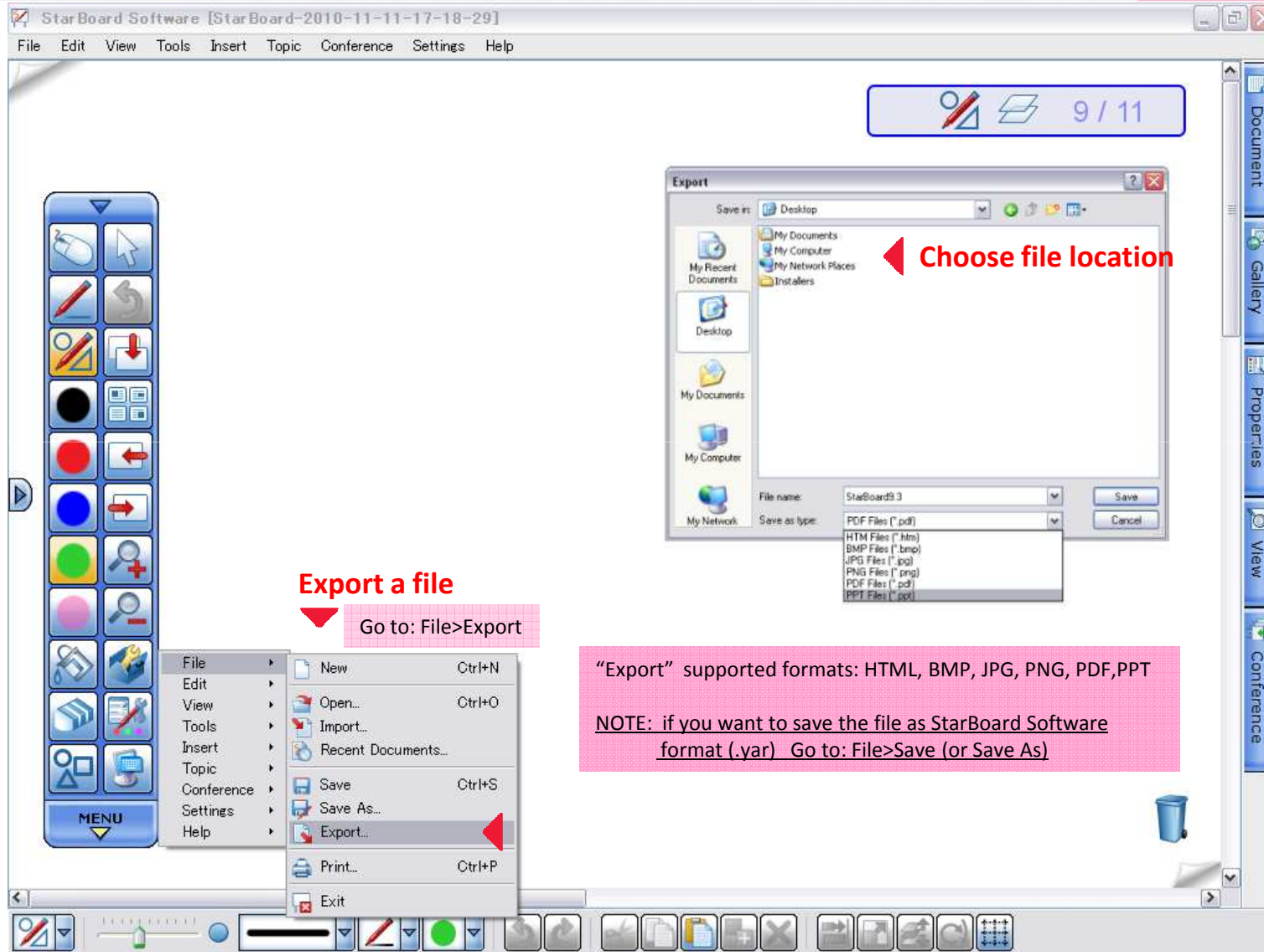


Double-Click this Icon on desktop or click the icon on tasktray



input text "StarBoard" in the application

Export File



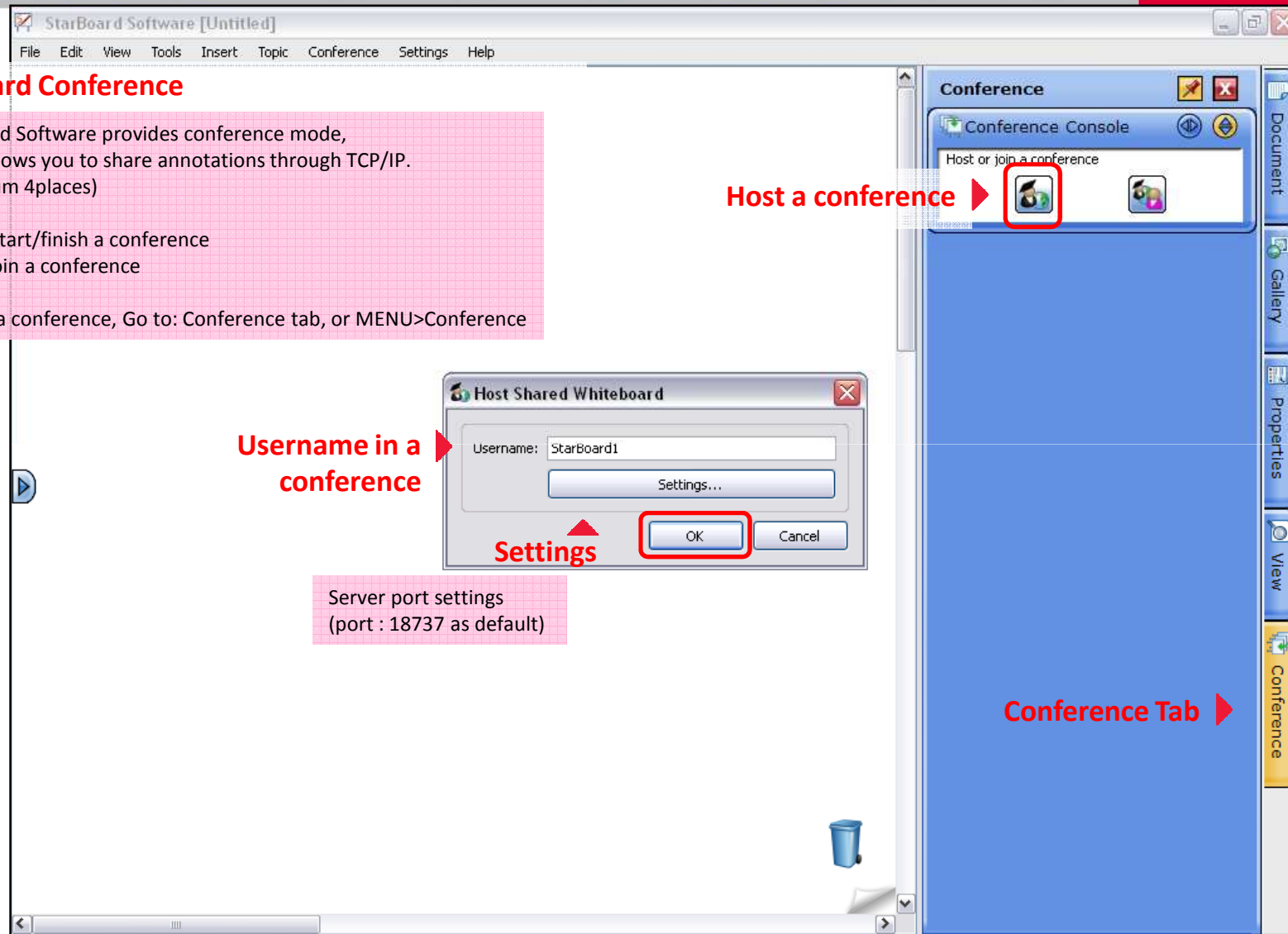
Conference Mode – start conference

StarBoard Conference

StarBoard Software provides conference mode, which allows you to share annotations through TCP/IP. (Maximum 4places)

Host: Start/finish a conference
Client: Join a conference

To start a conference, Go to: Conference tab, or MENU>Conference



Conference Mode – Join and share annotation

The screenshot shows the StarBoard Software interface in Conference Mode. The main window has a menu bar with File, Edit, View, Tools, Insert, Topic, Conference, Settings, and Help. The interface is divided into several sections:

- Host IP and status:** A blue box at the top right shows a green status icon, a user icon, and the IP address 133.108.178.91.
- Conference Console:** A window titled "Conference Console" is open, showing an "End Conference" button, a user icon, and a list of "Conference Users" with two entries: "starboard1" and "student1". Below the list are "Action buttons" for making a user a presenter, removing a user, and synchronizing users.
- Host Controls (dotted blue box):** A group of four icons with labels: "Make selected user the presenter" (graduation cap), "Remove a selected user From the conference" (person with red X), "Synchronize all users" (green circular arrows), and "End Conference" (graduation cap with red X).
- Client Controls (dotted red box):** A group of three icons with labels: "Request to be Presenter" (hand), "Sync/Async current shared page" (orange diamond), and "Leave conference" (graduation cap with red X).

StarBoard Software Help

Details on StarBoard Software capabilities are located at:
Help>StarBoard Help

StarBoard Software updates

You can check your StarBoard Software is the latest one or not.
Help>Check For Updates

Video Tutorials

Self-paced online tutorial videos explaining the tools and features of StarBoard Software are included your StarBoard Software install DVD.

Show User Registration Web page from StarBoard Software

When you select the menu item, SBS displays the user registration page on the computer's default Web browser.

Help>User Registration

Resource Center

Our free state aligned resource center features interactive lessons, activities, and educational software from our approved partners and educators across the globe.

Help>Resource Centre

or

<http://resourcecenter.hitachi-software.de/>

StarBoard Community Forum

The StarBoard Community Forum is a place for StarBoard Educators across the globe to communicate, share ideas, post topics, and ask questions.

<http://www.starboardforum.com/>

Interactive Sites for Classrooms

A collection of StarBoard friendly websites that provide activities, lesson plans, and many other resources that can be utilized with your interactive products.

http://www.hitachi-soft.com/icg/educators_corner/classrooms.html