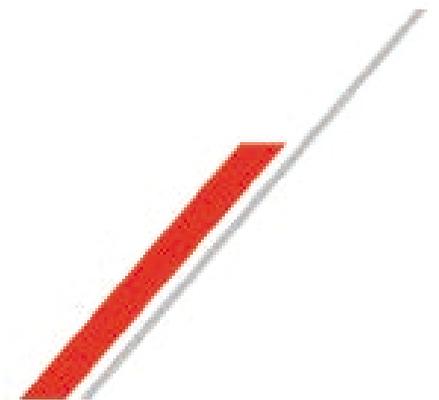


StarBoard Software 9.3

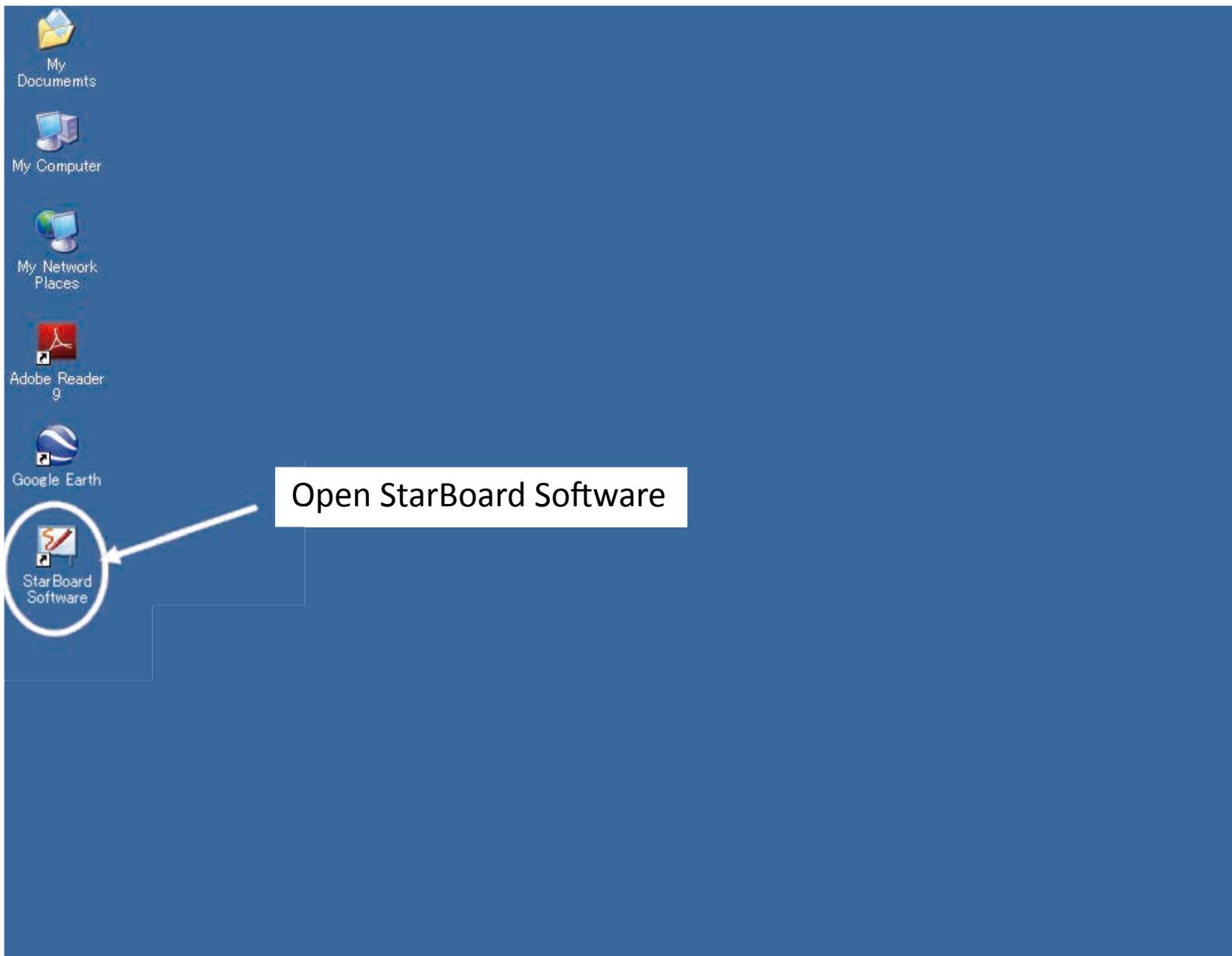
Training for Windows

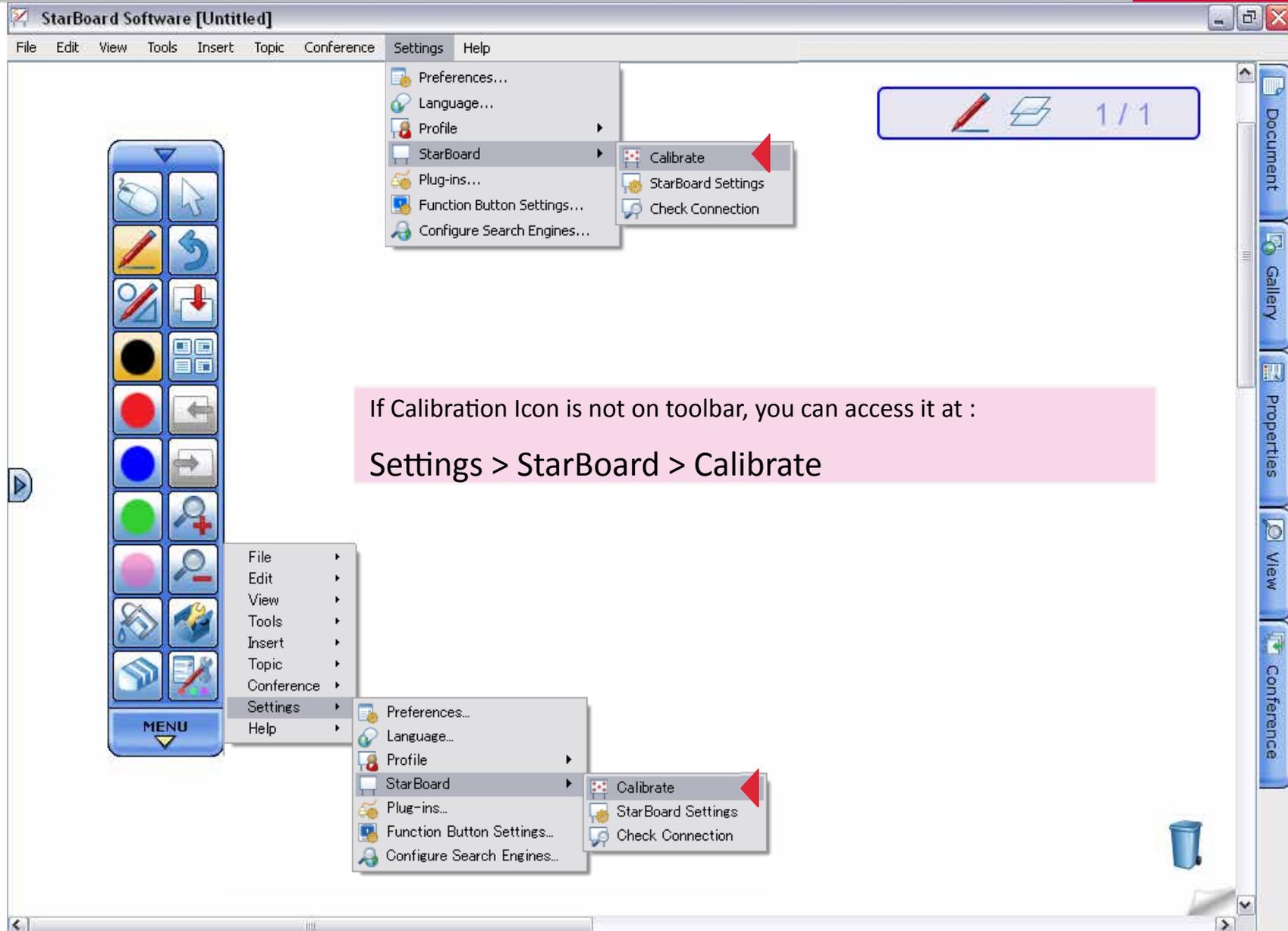
January 2011
Hitachi Solutions, Ltd.

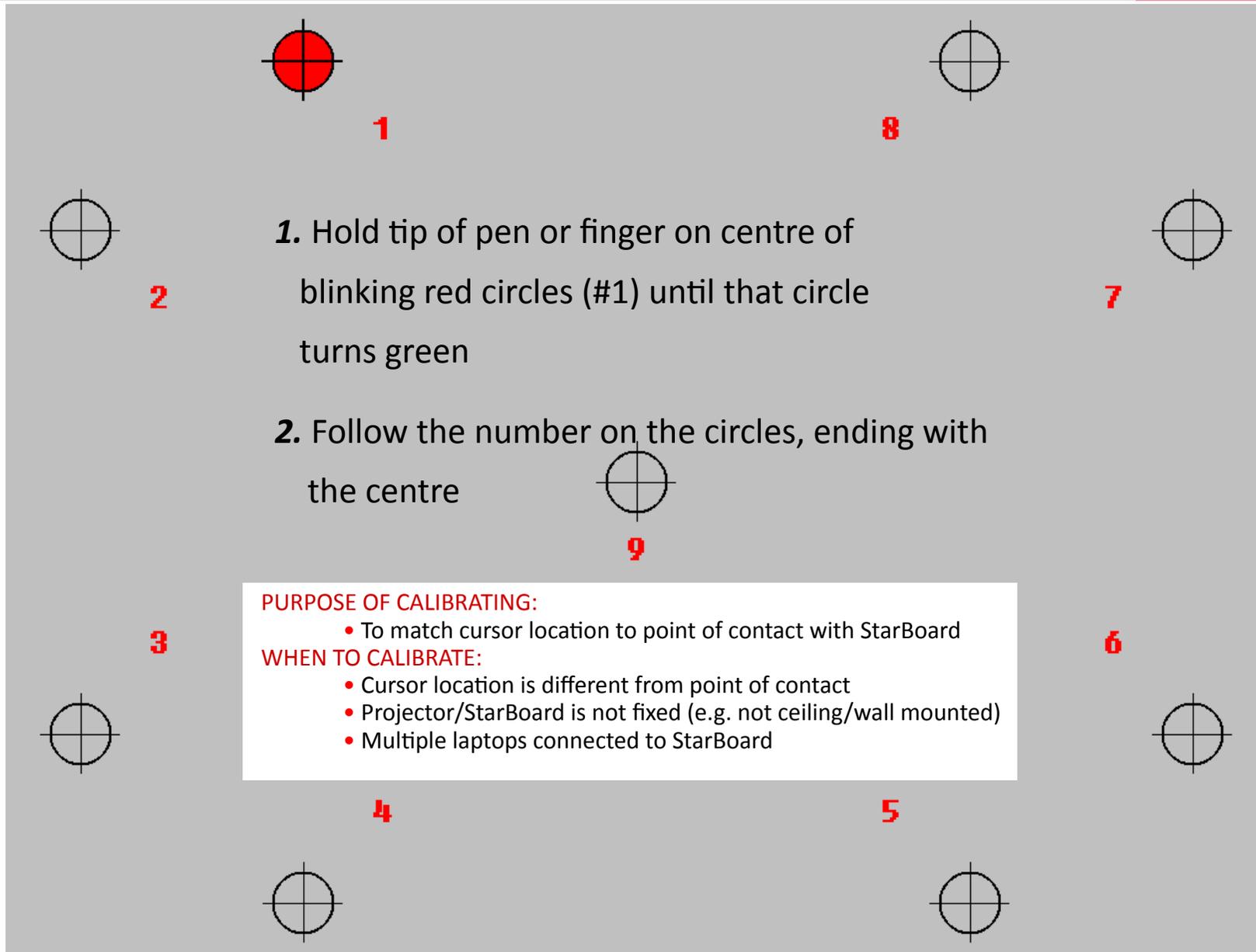


- Open StarBoard Software
- Calibration
- Basics
 - Initial Screen
 - Mouse Operations
 - Whiteboard
- Pen Variations
 - Normal Pen
 - Intelli-Pen
 - Pointer Pen
- Erasers
- Object Fill Tool
- Text Recognition
- Search text in Google/Wikipedia
- Direct Search from handwriting
- Configure Search Engines
- Gallery
 - Clip Art
 - ★ Other Icons in Gallery
- ★ 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
- Subject Toolbox
- Math(s) Toolbox
- ★ Handwriting/Spelling Toolbox
- Plug-ins
- MyScript Stylus
- Export File
- Conference Mode
 - Start conference
 - Join and share annotation
- Further Information

★New Features







1. Hold tip of pen or finger on centre of blinking red circles (#1) until that circle turns green

2. Follow the number on the circles, ending with the centre

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

Menu
Menu bar is added like regular Windows applications have.

Status indicator
Shows current page and selected tool

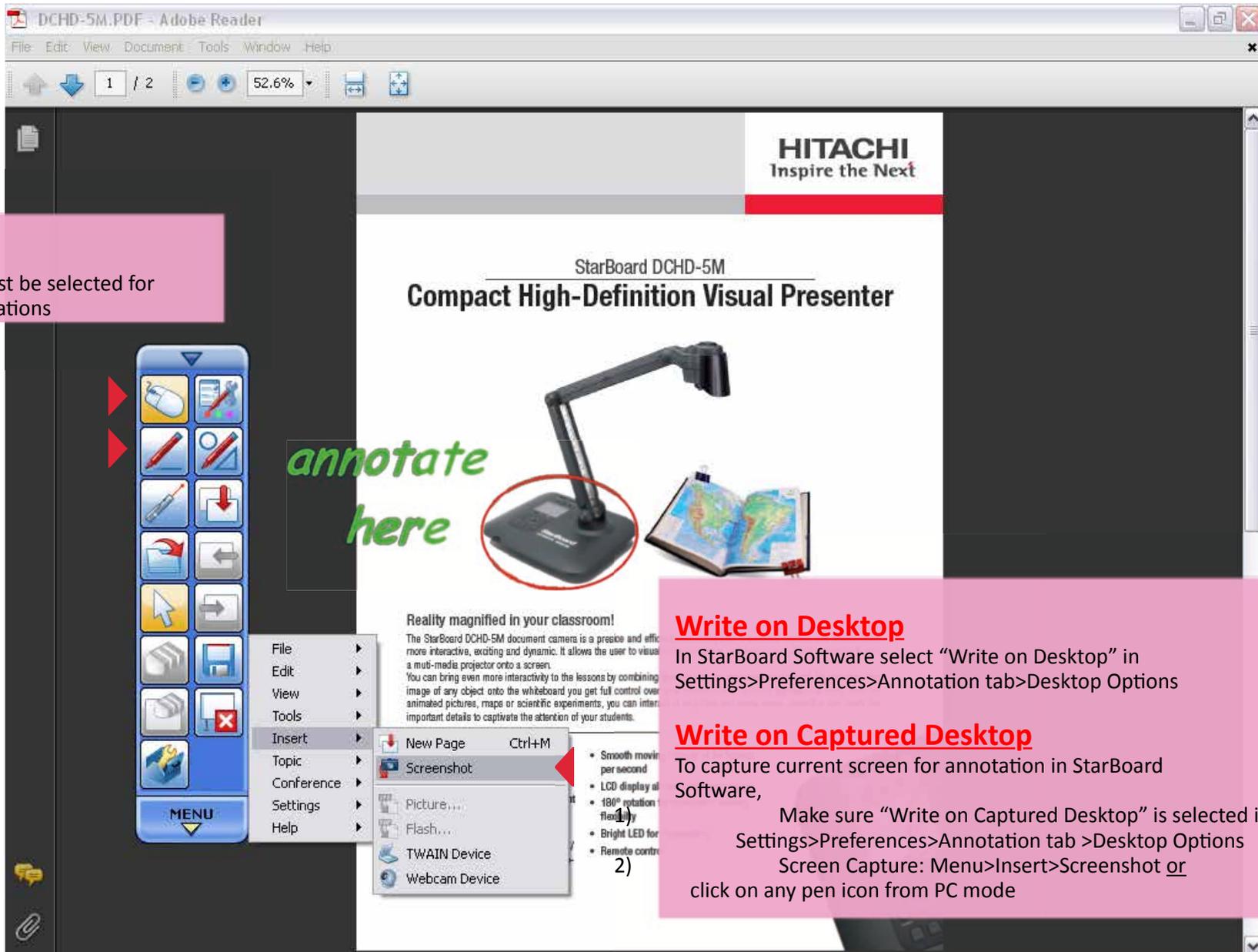
Side bar
Enables quick access to properties. Side bar has 5 expandable tabs: Document, Gallery, Properties, View and Conference

Toggle Side bar
This arrow will switch side bar to the another side

Rubbish bin
Quickly delete image objects by dragging objects into Rubbish Bin

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

- Menu:** The top menu bar (File, Edit, View, Tools, Insert, Topic, Conference, Settings, Help) is highlighted with a red box and an arrow pointing to it.
- Status indicator:** A small toolbar at the top right, containing a pencil icon, a document icon, and the text "1 / 1", is highlighted with a red box and an arrow pointing to it.
- Side bar:** The left sidebar, which contains tabs for Document, Gallery, Properties, View, and Conference, is highlighted with a red box and an arrow pointing to it.
- Toggle Side bar:** A small arrow icon on the right side of the interface is highlighted with a red box and an arrow pointing to it.
- Rubbish bin:** A trash can icon at the bottom right of the interface is highlighted with a red box and an arrow pointing to it.



PC Mode

Mouse icon must be selected for Computer operations

annotate here

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

The screenshot shows the StarBoard Software interface with several annotations:

- Document Tab**: A red arrow points to the 'Document' tab in the right-hand pane. A text box explains: "View all pages at once, delete pages, insert pages, print, export, copy to whiteboard, add or delete attachments".
- Page Menu**: A red arrow points to a context menu that appears over a page thumbnail in the 'Page List'. The menu items are: Show, Delete, Insert Page, Print..., Export..., Duplicate Page, and Add to Favourites. A text box explains: "Click on arrow below page thumbnail to get individual page menu options".
- Navigation Tools**: A vertical toolbar on the left has three red arrows pointing to specific icons:
 - Add New Blank Page**: Points to the icon of a page with a red arrow pointing down.
 - Move to Previous page**: Points to the icon of a page with a red arrow pointing left.
 - Move to Next page**: Points to the icon of a page with a red arrow pointing right.

Pen Variations: Normal Pen

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)

The screenshot shows the StarBoard Software interface. On the left is a vertical toolbar with various tools. The 'Normal Pen' tool is highlighted. On the right is a 'Properties' panel with three tabs: 'Tool Properties', 'Object Properties', and 'Page Properties'. The 'Tool Properties' tab is active, showing a grid of ink styles and colors, line shape options, and a width slider. Red arrows point from the text annotations to the corresponding elements in the software interface.



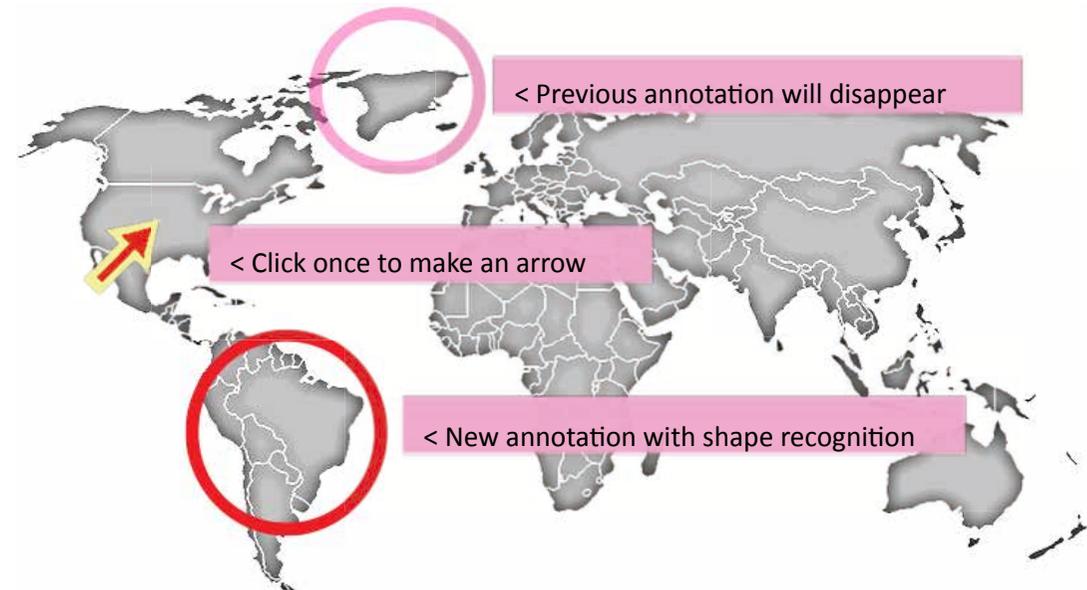
Intelli-Pen

- 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

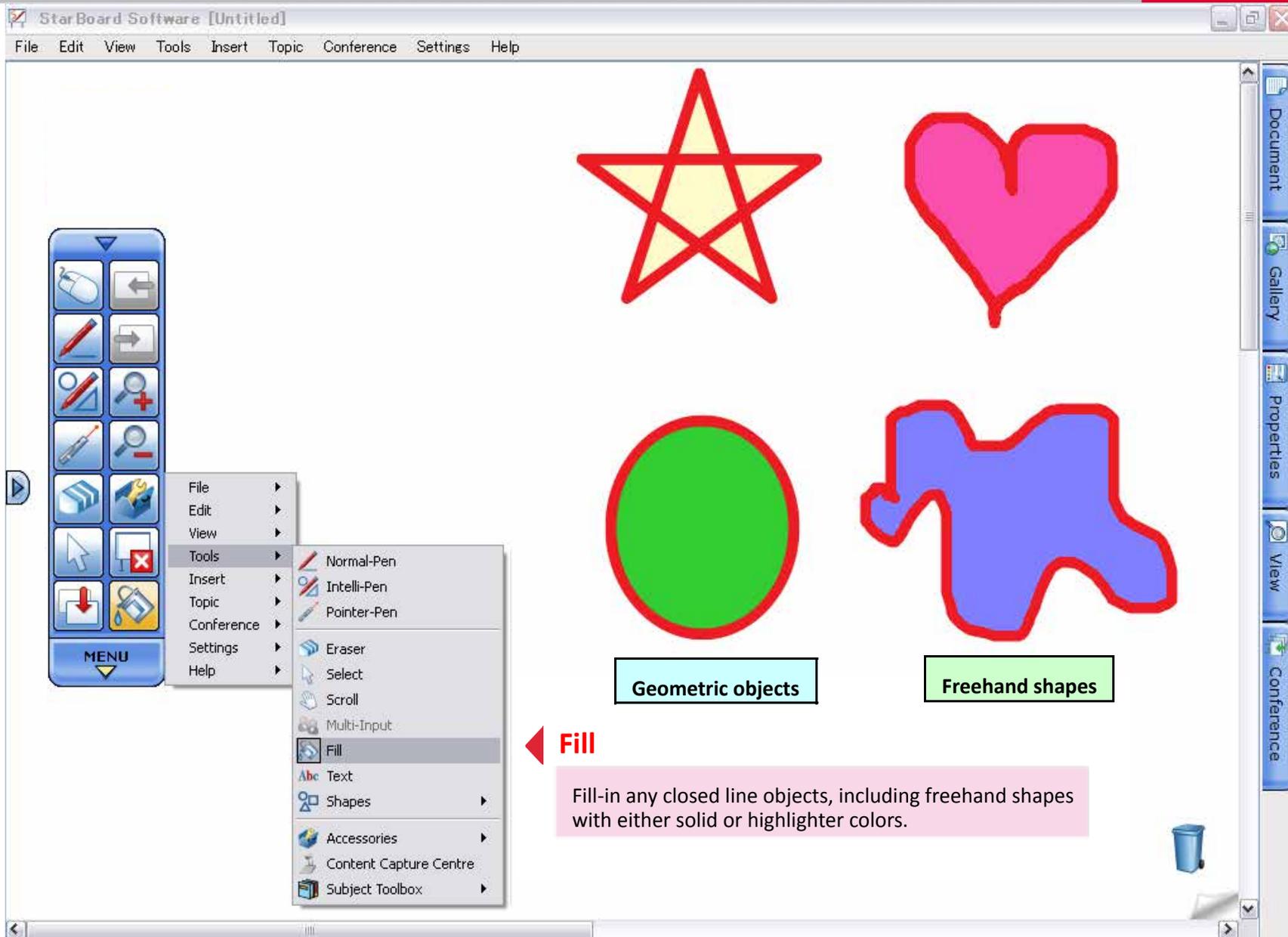


The screenshot shows the StarBoard Software interface with a menu bar (File, Edit, View, Tools, Insert, Topic, Conference, Settings, Help) and a toolbar on the left. The main workspace contains three annotations: a red scribble, a landscape image with white scribbles, and three eraser width icons. A vertical toolbar on the right has the 'Properties' button highlighted with a red box and a red arrow pointing to it.

Normal eraser
Erases annotations by normal pen

Image eraser
Erases both annotations and inserted images.
Erasable image must be in raster format (jpg, bmp, png, etc)

Eraser width
Choose from three different eraser widths



The screenshot shows the StarBoard Software interface with a menu bar (File, Edit, View, Tools, Insert, Topic, Conference, Settings, Help) and a toolbar with icons for document, gallery, properties, view, and conference. A red arrow points to the 'Intelli-Pen' icon in the toolbar. A pink box contains the following steps:

- 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 red arrow points to the 'Intelli-Pen' icon in the toolbar, with a pink box below it stating: "Best for writing notes and drawing shapes".

The word "photosynthesis" is written in green cursive on a white background. A red arrow points down from the word to the word "photosynthesis" written in green sans-serif font below it.

A context menu is open over the word "photosynthesis", showing the following options:

- photosynthesis
- photosyn□thesis
- 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

Search Text in Google™ / Wikipedia

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 the word "photosynthesis" written in green cursive handwriting, enclosed in a rectangular frame with corner handles. A context menu is open over the text, listing various actions like Cut, Copy, Duplicate, Delete, Lock, Edit Hyperlink, Object Properties, Add to Favourites, Order, Rotate/Flip, and search options. The search options are "Search photosynthesis in Google" and "Search photosynthesis in Wikipedia", both of which are highlighted with a red rectangular box. A red arrow points from the search options to the right, towards the search results.

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"

The screenshot shows a Google Search results page for the query "photosynthesis". The page displays the Google logo, the search term, and the number of results (About 719,000 results). Below the search bar, there are tabs for "Everything", "Images", "Videos", "Maps", "News", "Shopping", "Gmail", and "more". The "Images" tab is selected, showing a grid of image results related to photosynthesis, including diagrams and photographs of plants.

The screenshot shows the Wikipedia article for "Photosynthesis". The page title is "Photosynthesis - Wikipedia, the free encyclopedia". The article text explains that photosynthesis is a process that converts carbon dioxide into organic compounds, especially sugars, using the energy from sunlight. It also mentions that photosynthesis occurs in plants, algae, and many species of bacteria, but not in archaea. The article includes a section for "Photosynthesis" and a chemical equation: $6CO_2 + 6H_2O \xrightarrow{\text{Light}} C_6H_{12}O_6 + 6O_2$. The equation is labeled with "Carbon dioxide", "Water", "Light", "Sugar", and "Oxygen". There is also a satellite image showing the global distribution of photosynthesis.

The screenshot shows the StarBoard Software interface with a menu open over the handwritten word "photosynthesis". The menu includes options like 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 options.

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.**

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!

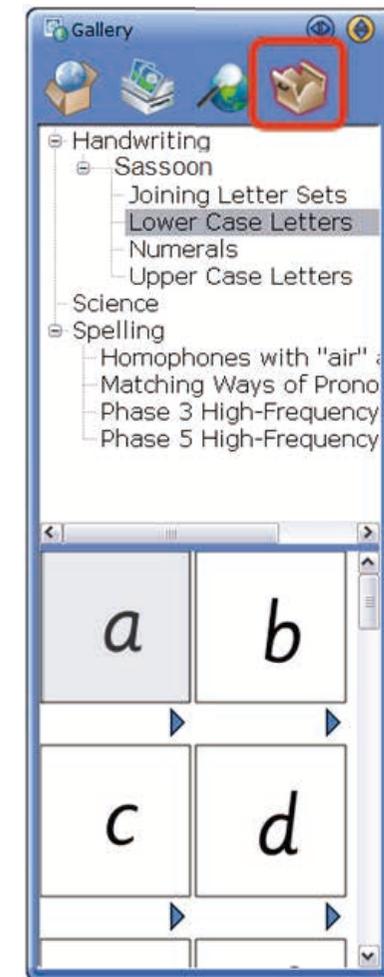
The screenshot shows the StarBoard Software interface with a menu bar (File, Edit, View, Tools, Insert, Topic, Conference, Settings, Help) and a toolbar. The main workspace contains a 3D blue cube with a context menu open over it. The context menu options are: Insert image, Insert background image, Add as background on new page, Add to Favourites, Item settings..., and Delete. The Gallery panel on the right shows a tree view of folders: Geography, Information Technology, Mathematics (expanded to show 3D shapes, Addition and subtr..., Calculator, Decimals fractions..., Mathematical tools, Measurement, Multiplication and...), Music, and Physical education. A red arrow points from the '3D shapes' folder to the cube object. A red arrow also points from the 'MENU' button on the cube to the context menu.

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



Favourites/Drives

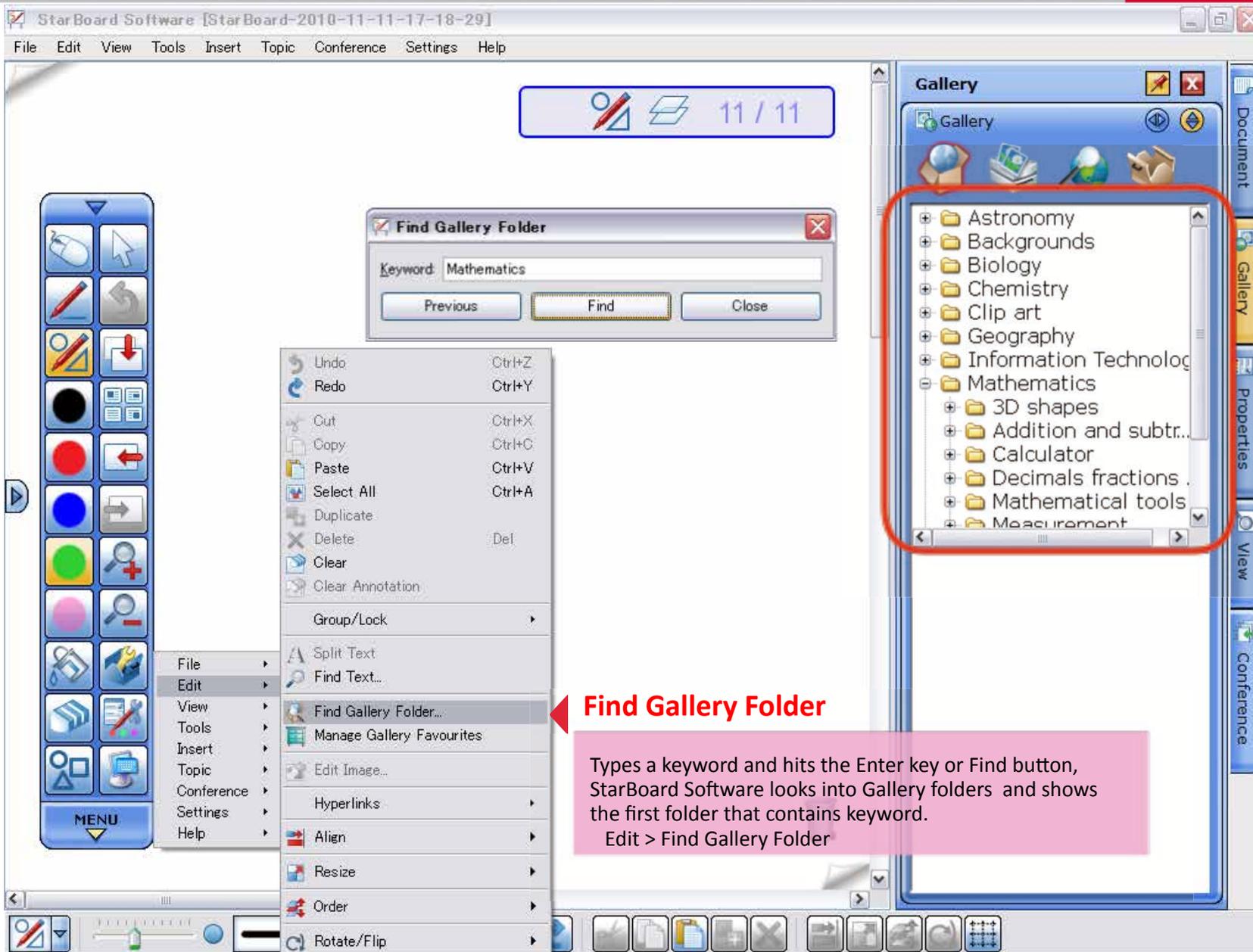
Access to Favourites, MyDocuments, MyPictures, Desktop, and any drives from this icon and import objects to StarBoard Software.

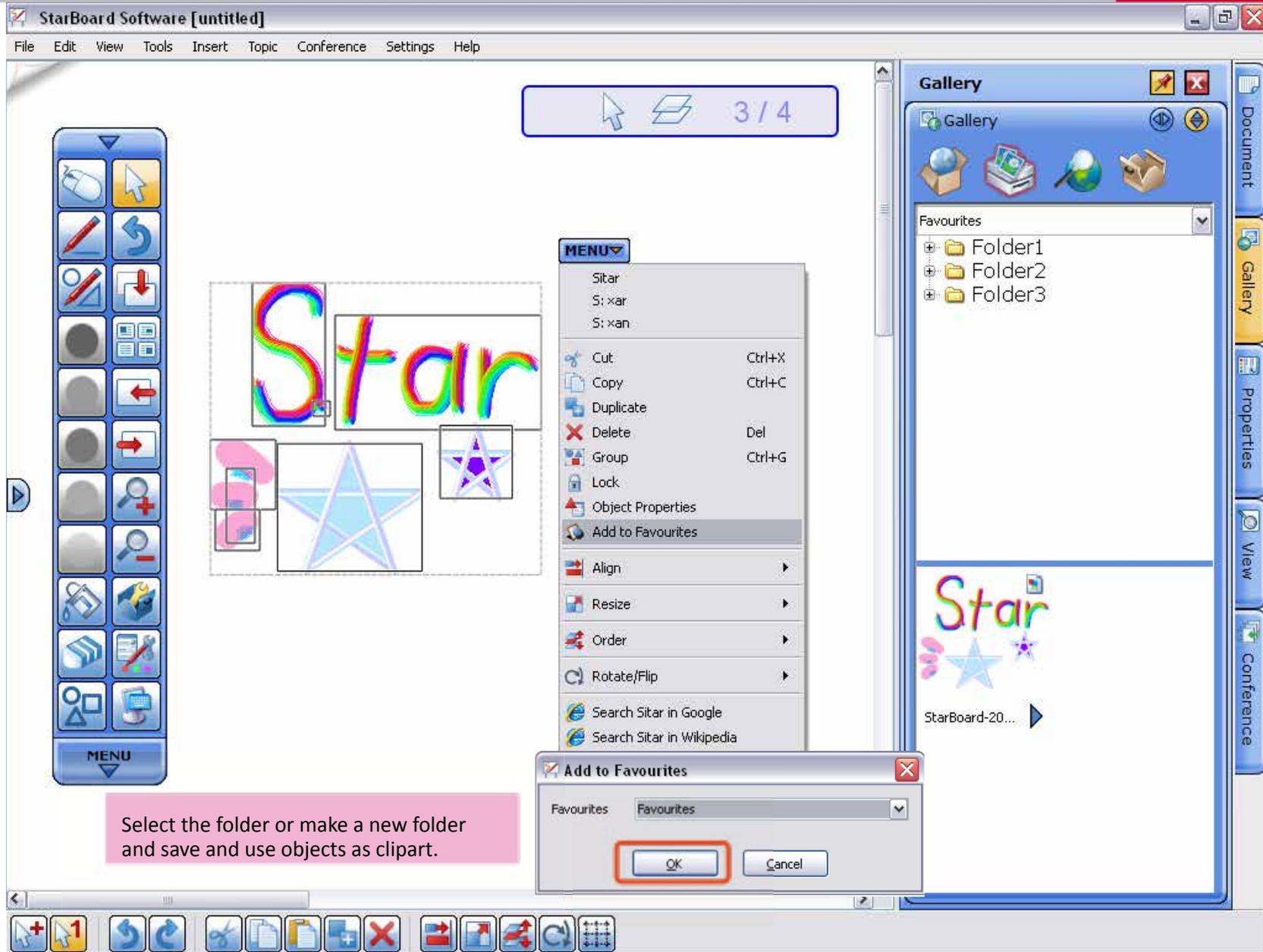
Google Image Search

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.





The screenshot shows the StarBoard Software interface. The main window has a menu bar with 'File', 'Edit', 'View', 'Tools', 'Insert', 'Topic', 'Conference', 'Settings', and 'Help'. A vertical toolbar on the left contains various drawing and editing tools. The 'Edit' menu is open, showing options like 'Undo', 'Redo', 'Cut', 'Copy', 'Paste', 'Select All', 'Duplicate', 'Delete', 'Clear', 'Clear Annotation', 'Group/Lock', 'Split Text', 'Find Text...', 'Find Gallery Folder...', 'Manage Gallery Favourites', 'Edit Image...', 'Hyperlinks', 'Align', 'Resize', 'Order', and 'Rotate/Flip'. The 'Manage Gallery Favourites' option is highlighted with a red arrow. A Windows Explorer window titled '.StarBoardFavourites' is open, showing the contents of the folder 'C:\Documents and Settings\user\My Documents\StarBoardFavourites'. The folder contains three sub-folders: 'Folder1', 'Folder2', and 'Folder3', which are highlighted with a red box. A pink callout box with a trash can icon contains the text: 'Open the window and manage the Favourites folder directly in Windows folder. Edit->Manage Gallery Favourites'.

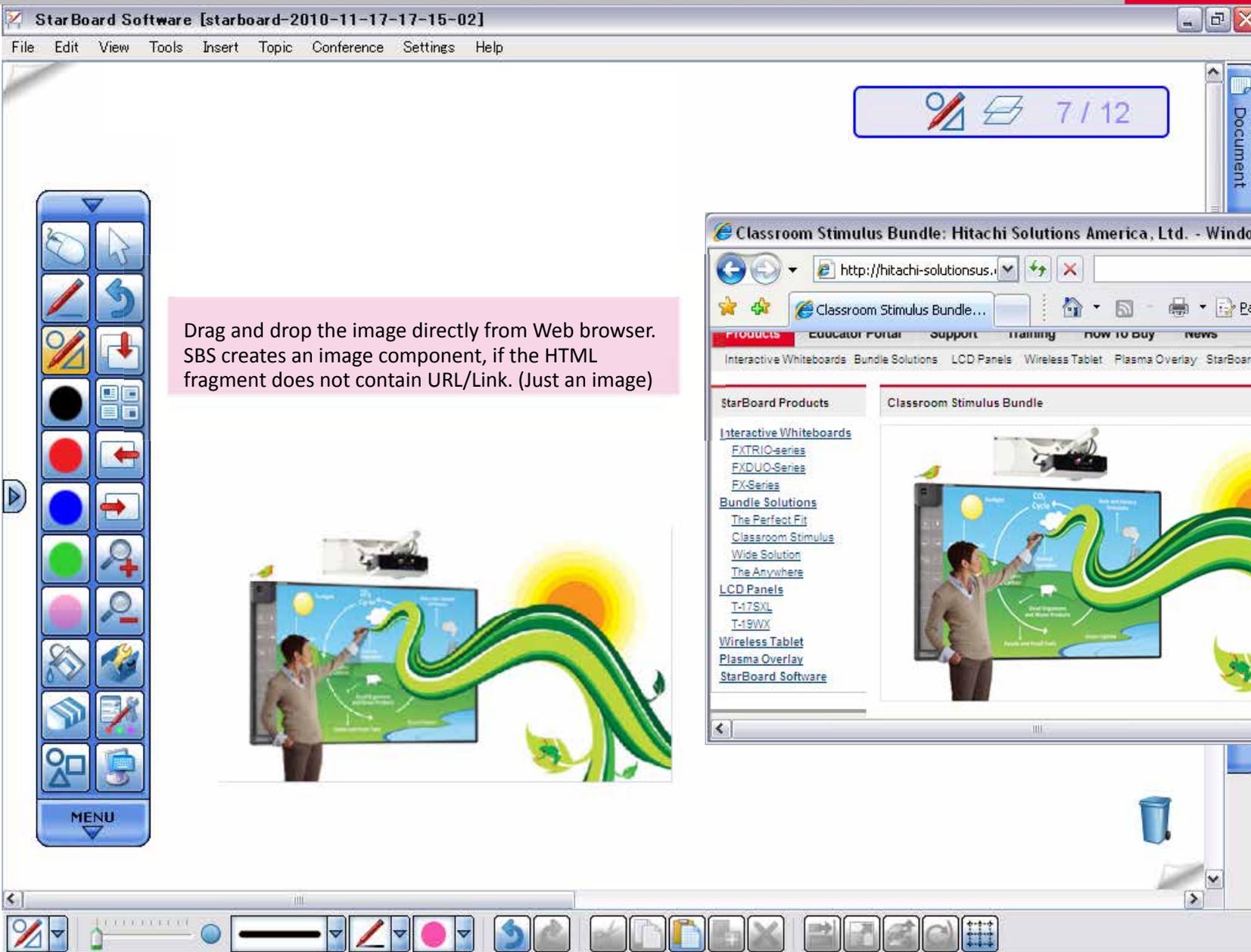
Integrated Google Image Search ☆New☆

The screenshot displays the StarBoard Software interface. On the left is a vertical toolbar with various icons for navigation and editing. The main workspace shows a Hitachi StarBoard with a globe image on its screen. A pink text box explains the search process. On the right, a 'Gallery' panel shows search results for 'HitachiStarBoard', with a red box highlighting a globe image on a tablet. A red arrow points from the search bar to the gallery. The bottom of the screen features a Windows-style taskbar with application icons.

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.

▶ Drag and Drop images from Web browser ☆New☆



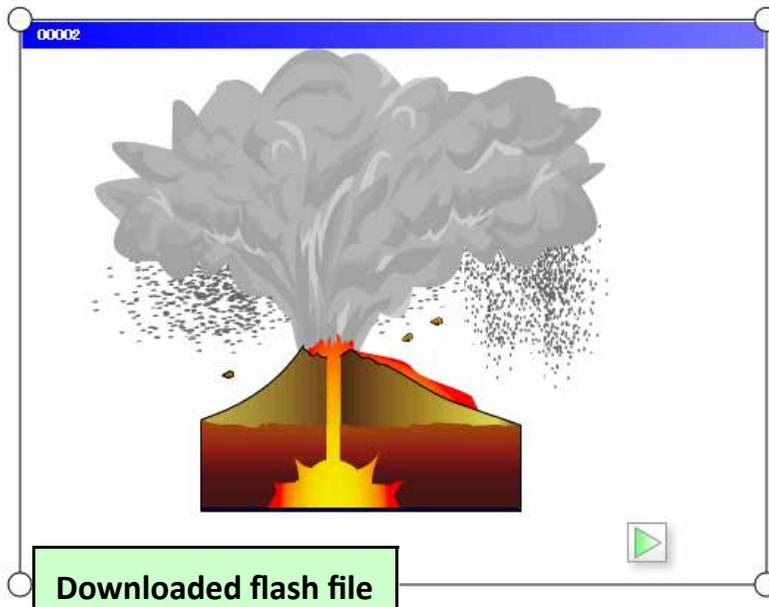
Drag and drop the image directly from Web browser. SBS creates an image component, if the HTML fragment does not contain URL/Link. (Just an image)



kilograms and grams 3

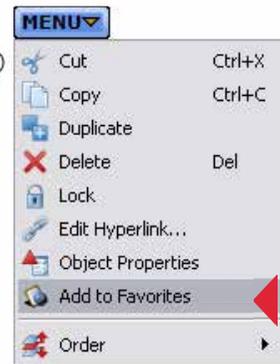


Default file in Clip Art



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



The screenshot shows the StarBoard Software interface. A central image of a space shuttle launch is selected. A context menu is open over the image, with 'Edit Hyperlink...' highlighted. Below the menu, a pink box contains instructions for editing hyperlinks. At the bottom left, an 'Edit Hyperlink' dialog box is open, showing a dropdown menu for 'Hyperlink Type' with 'None' selected, and a list of target options: 'None', 'Attachment', 'File', 'Web page', and 'Page in the document'.

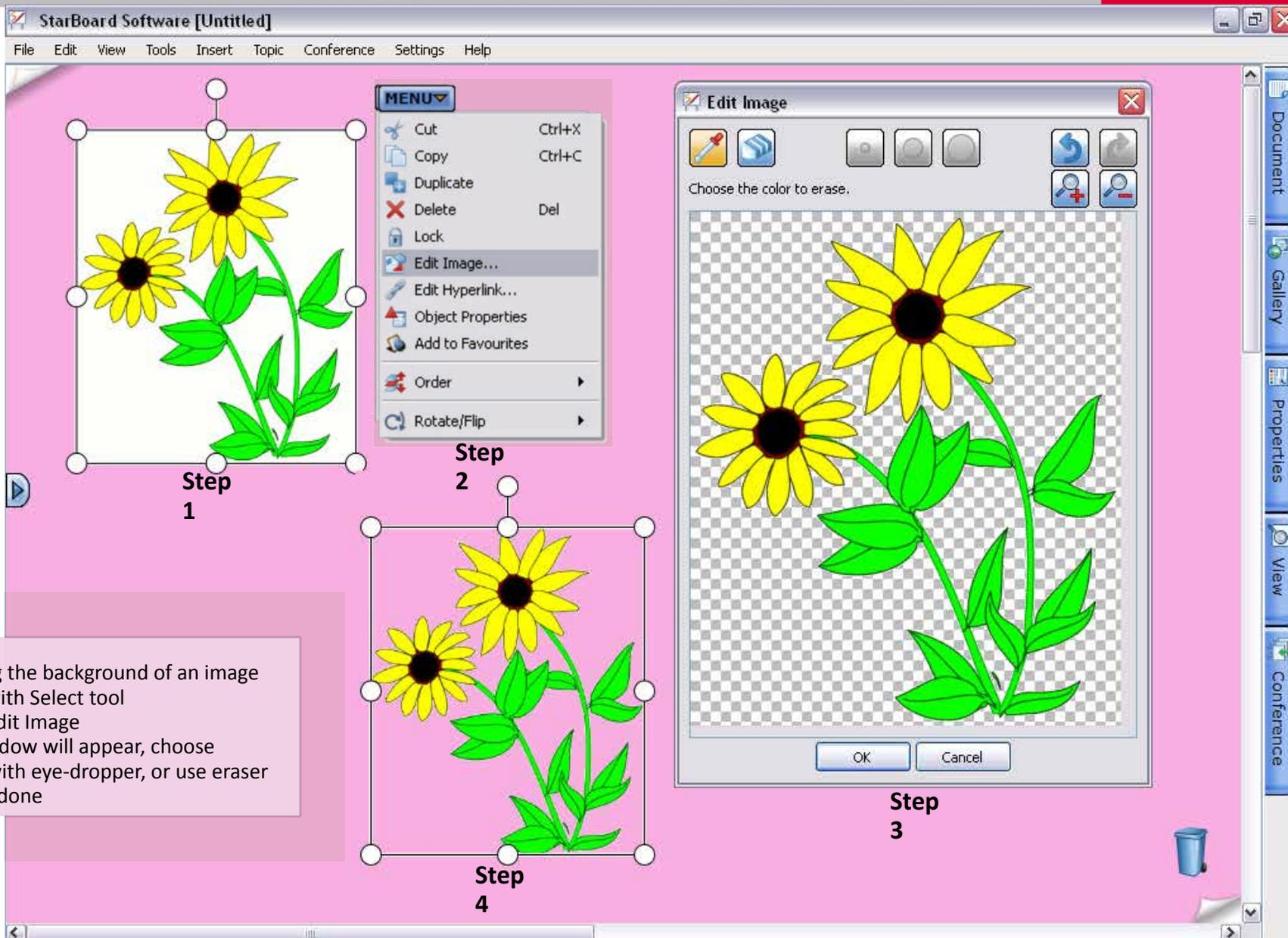
MENU

- Cut Ctrl+X
- Copy Ctrl+C
- Duplicate
- Delete Del
- Lock
- Edit Image...
- Edit Hyperlink...**
- Object Properties
- Add to Favourites
- Order
- Rotate/Flip

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

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

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

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

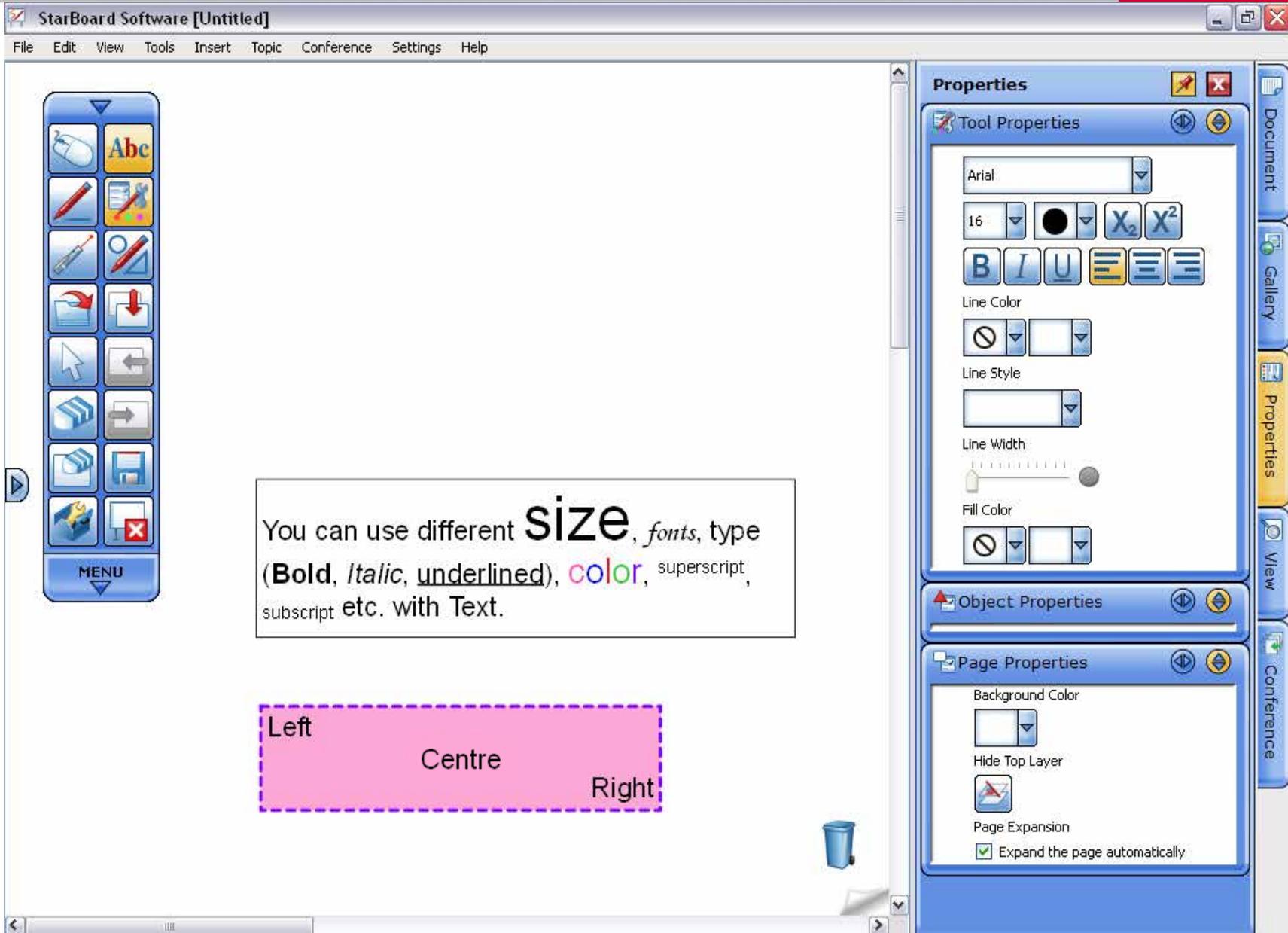
Tool Properties
Select Type
+ 1

Object Properties
 Lock
 Infinite Clone
Hyperlink

Page Properties
Background Color
Hide Top Layer
Page Expansion
 Expand the page automatically

MENU

MENU



The screenshot shows the StarBoard Software interface with a toolbar on the left and a menu open. The menu includes options like File, Edit, View, Tools, Insert, Topic, Conference, Settings, and Help. The 'Tools' menu is expanded, showing options like Back, Forward, Previous Page, Next Page, Sidebar Widgets, Layout, Grid, Zoom, Full-Screen, Hide Top Layer, and Refresh View. The 'Sidebar Widgets' menu is also expanded, showing options like Topic List, Page List, Attachments, Gallery, Tool Properties, Object Properties, Page properties, Navigation, Screen Layout, and Conference Console. A red arrow points from the 'MENU' button on the toolbar to the 'Tools' menu. A red box highlights the 'Remove button from toolbar' option in the 'Tools' menu. A red box highlights the 'Add button to toolbar' option in the 'Tools' menu. A red box highlights the 'Save toolbar' option in the 'Settings' menu. A red box highlights the 'Load toolbar' option in the 'Settings' menu. A red box highlights the 'NOTE:' section in the 'Settings' menu.

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

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



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:

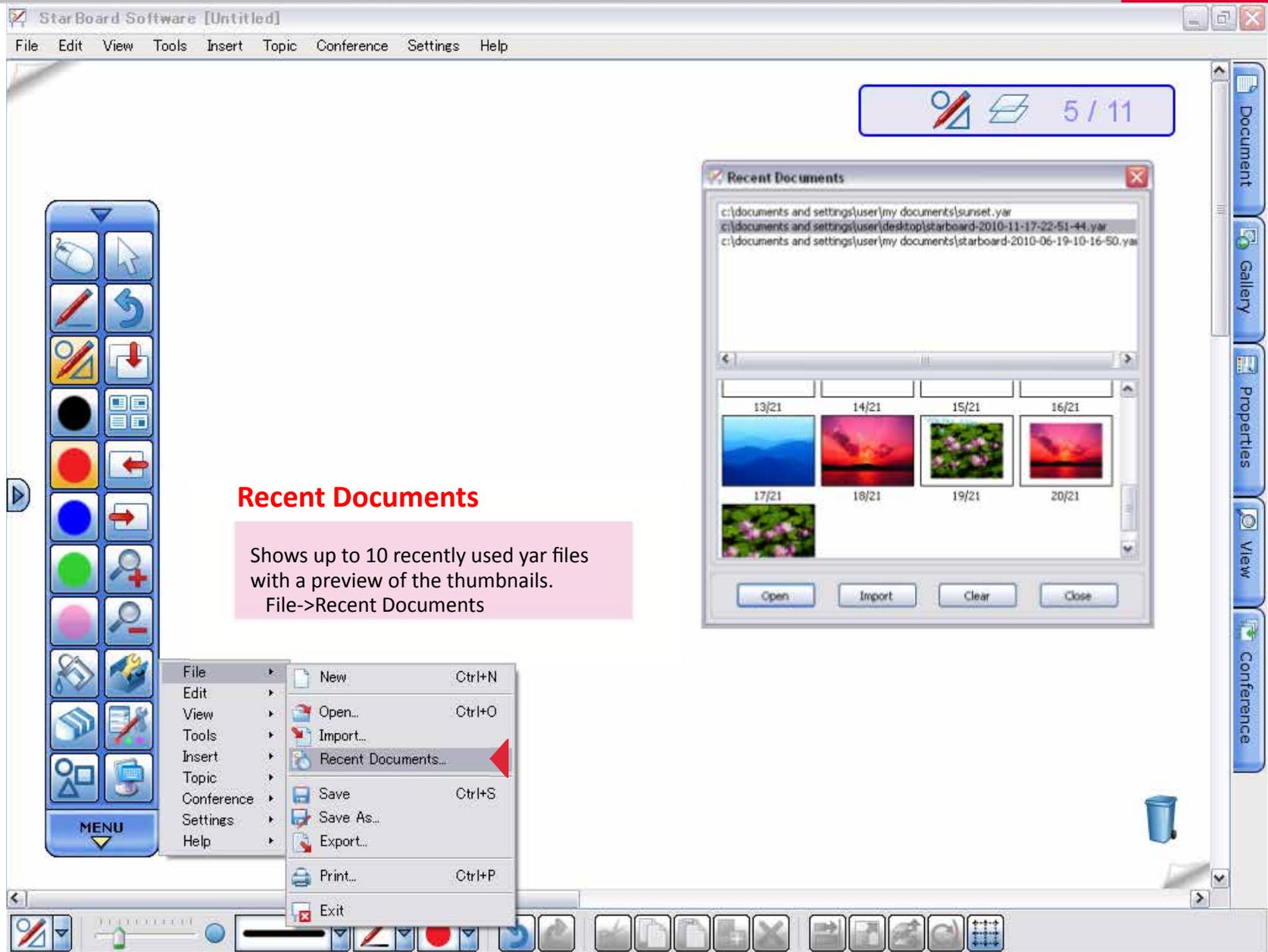
After adding Microsoft Word to the StarBoard toolbar, you can now quickly launch the Microsoft Word from StarBoard Software

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☆



Recent Documents

Shows up to 10 recently used yar files with a preview of the thumbnails.
File->Recent Documents

The screenshot displays the StarBoard Software interface. At the top, the title bar reads "StarBoard Software [StarBoard-2010-12-01-19-59-06]" and the menu bar includes "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, including a "MENU" button at the bottom. The main workspace is currently blank. On the right, a sidebar contains several panels: "Document" (with a "Topic List" showing "Desktop", "Whiteboard", and "Water lilies"), "Page List" (showing three thumbnails labeled "1/7", "2/7", and "3/7"), "Attachments" (with a dropdown menu open showing "Introduction (", "Whiteboard", "Water lilies", "training", and "Introd...101124" highlighted by a red circle), "Properties", "View", and "Conference".

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

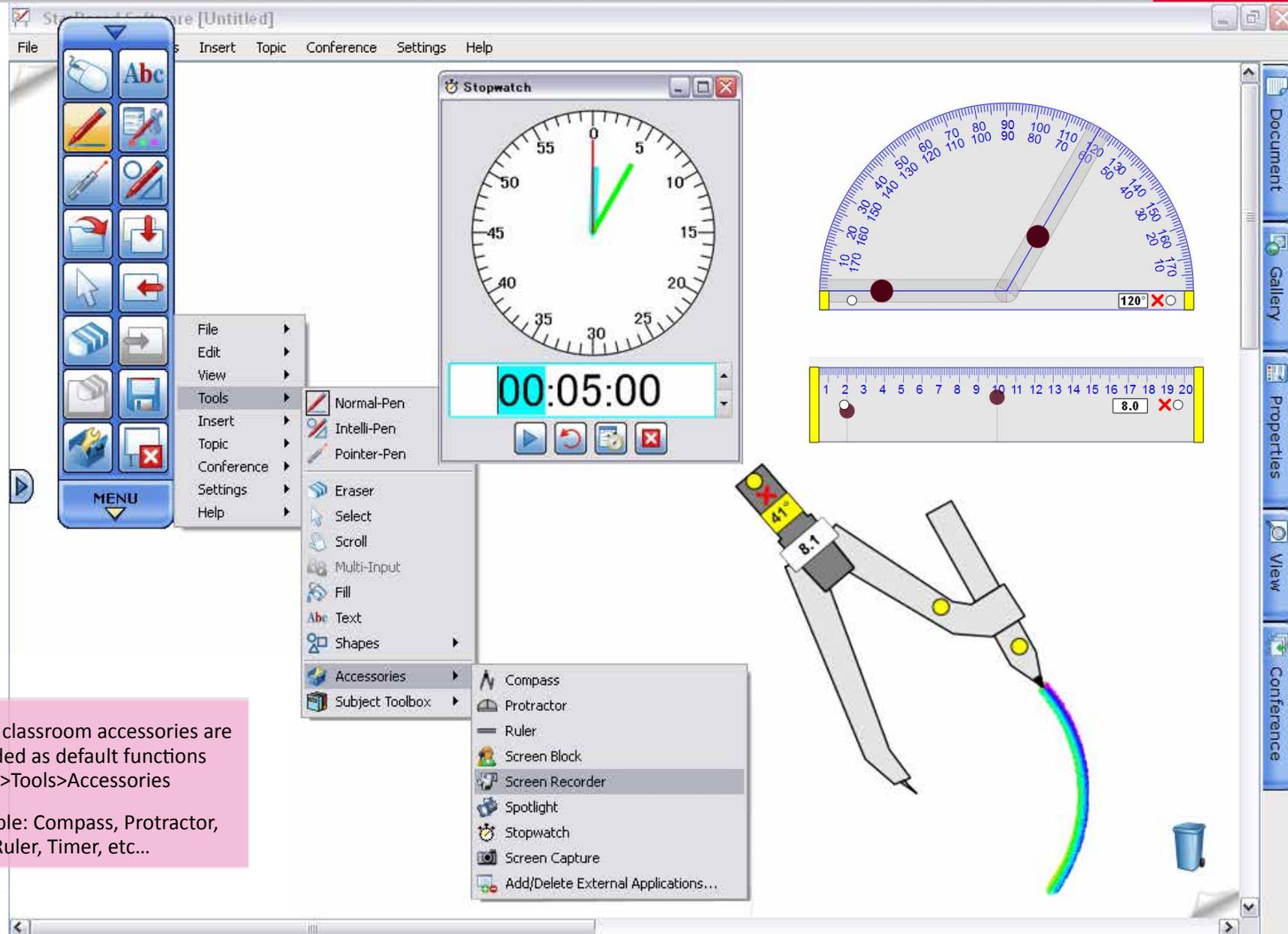
The screenshot shows the StarBoard Software interface. The 'File' menu is open, and 'Import...' is selected. A pink box contains the following text:

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.

Other elements in the screenshot include a toolbar on the left, a 'Page List' panel on the right showing three pages (Sample 1, Sample 2, Sample 3), and a 'merge' label with an arrow pointing to the 'Import...' option.



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

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

Arc component ☆New☆

StarBoard Software [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

Show Radius Lines

Show Radius Lines check box

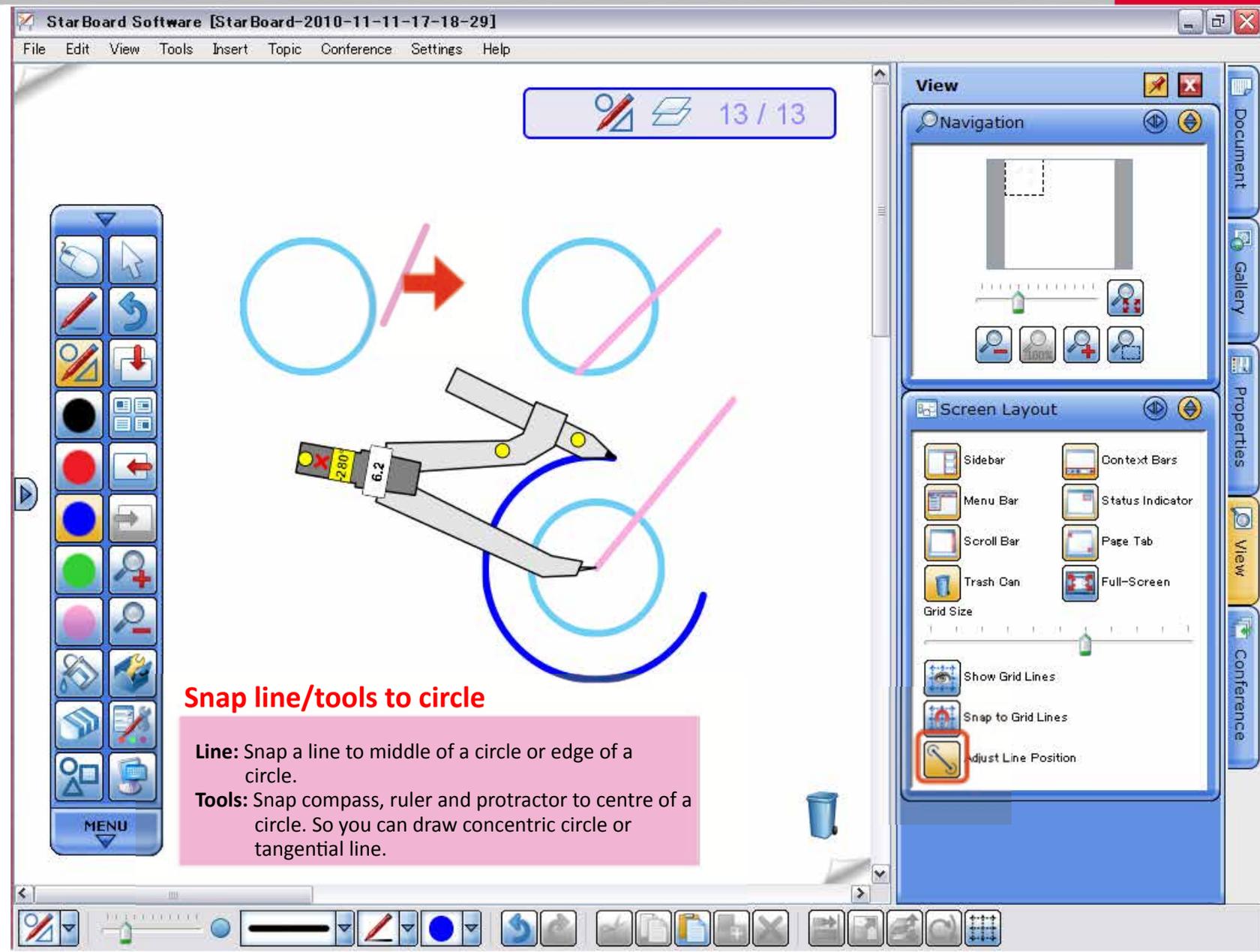
File Edit View Tools Insert Topic Conference Settings Help

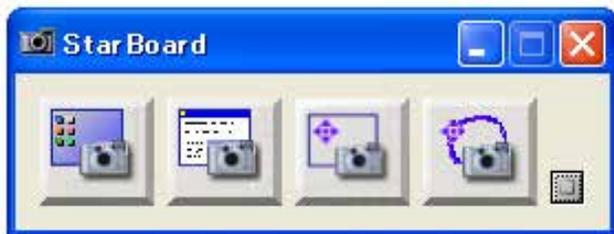
- Normal-Pen
- Intelli-Pen
- Pointer-Pen
- Compass
- Protractor
- Ruler
- Screen Keyboard
- screenblock
- screenrecorder
- Spotlight
- stopwatch
- Screen Capture
- Accessories
- Add/Delete External Applications...

▶ Snap Line to Object ☆New☆

Snap line/tools to polygon

Line: Snap a line to an existing object edge, once the line is near enough to the object.
Tools: Snap compass, ruler and protractor to object edge.





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

◀ Screen Capture Options

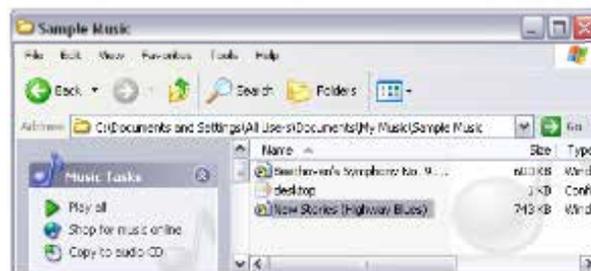
To access screen capture tool, go to:
Tools>Accessories>Screen Capture

- 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 following elements:

- Screen Recorder Settings**: A dialog box with the following options:
 - Audio**:
 - No Audio
 - Windows Audio
 - Record Microphone
 - Set file name after recording
 - Open output folder after recording
 - Output Folder**: s and Settings\flora\My Documents\StarBoard (with a **Browse** button)
 - Recording Quality**:
 - High
 - Standard (Expected size of 10 minutes recording)
 - Small (25 MB)
 - Buttons**: **OK** and **Cancel**
- Screen Recorder**: A floating window with three buttons:
 - Record/Stop**: A red circle button (indicated by a red arrow).
 - Pause**: A pause button (indicated by a red arrow).
 - Screen Recorder**: A button with a document icon.
- Tools Menu**: A dropdown menu showing various tools, with **Accessories > Screen Recorder** highlighted (indicated by a red arrow).

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(s), and Science

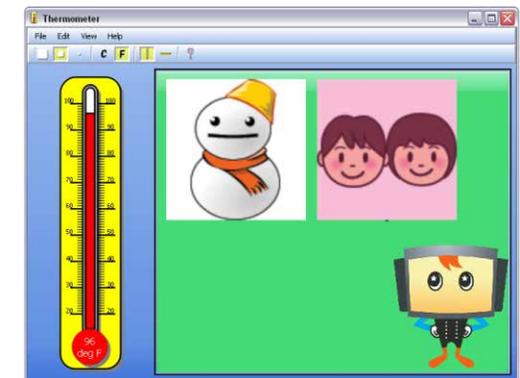
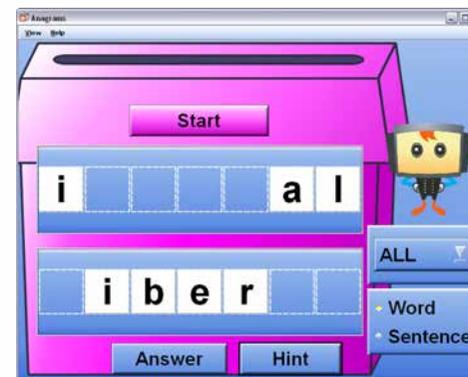
Tools>Subject Toolbox>each subject

Geography : Map compass, Flags and Countries, Maps, Flags

Language arts : Anagrams, Word bank

Science : Balance scales, Kitchen scales, Measuring cylinder, Thermometer

Math(s) : Math(s) toolbox (US Customary/Metric), Math lesson files, Protractor, Ruler

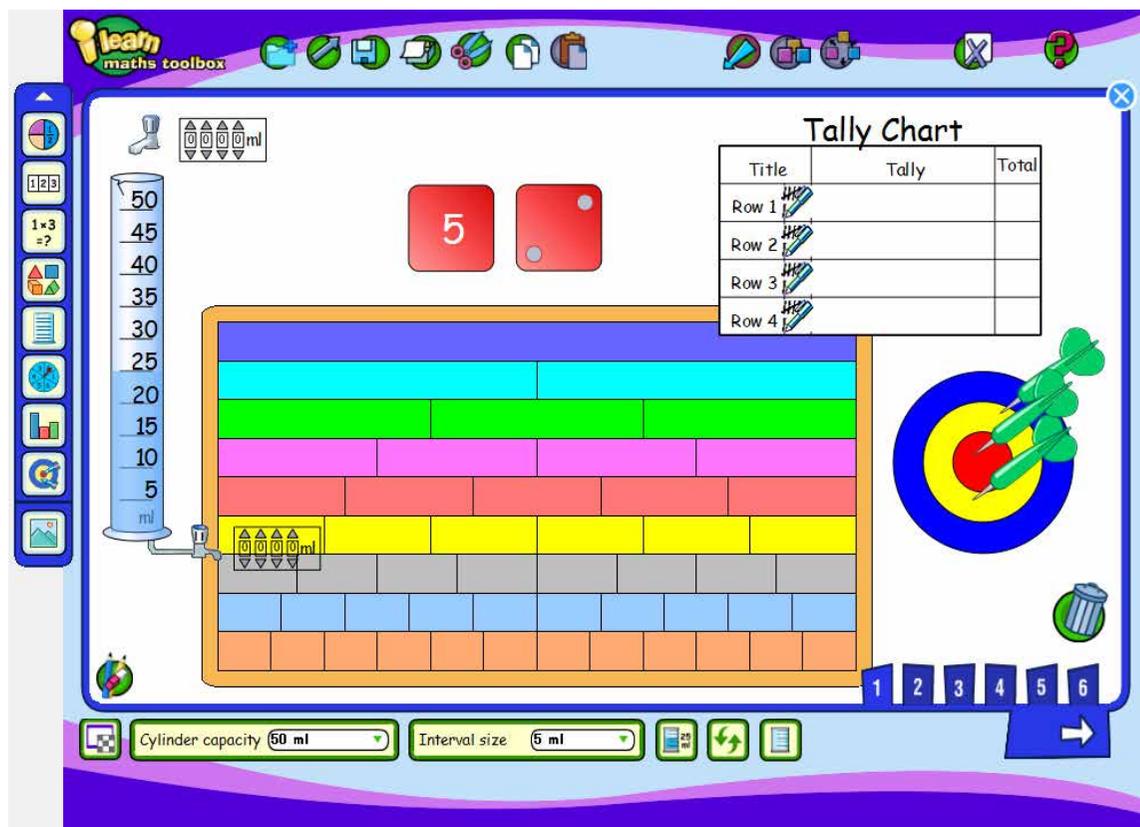


Math(s) toolbox

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

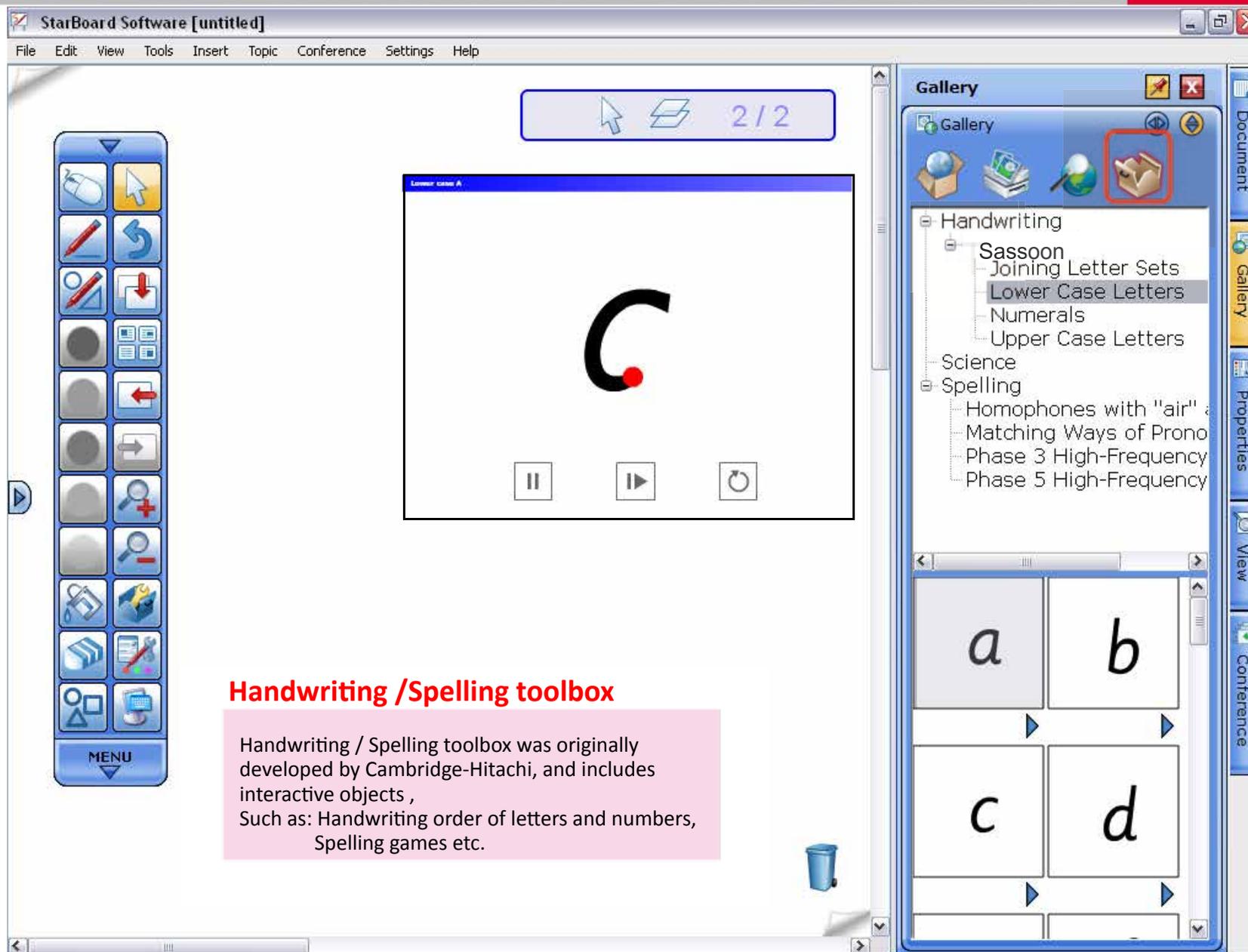
Math(s) toolbox includes: Fractions, Numbers, Calculations, Shapes and Space, Measures, Probability, Handling Data, Solving Problems, Image library etc.

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

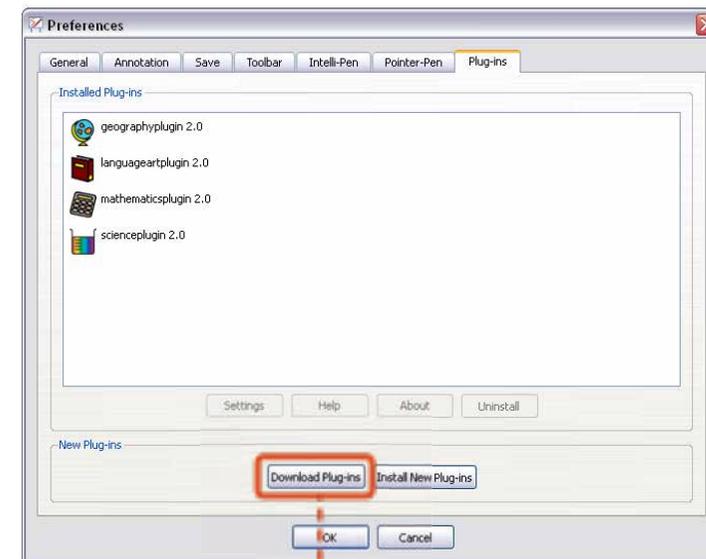
Handwriting / Spelling toolbox was originally developed by Cambridge-Hitachi, and includes interactive objects ,
Such as: Handwriting order of letters and numbers,
Spelling games etc.

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.

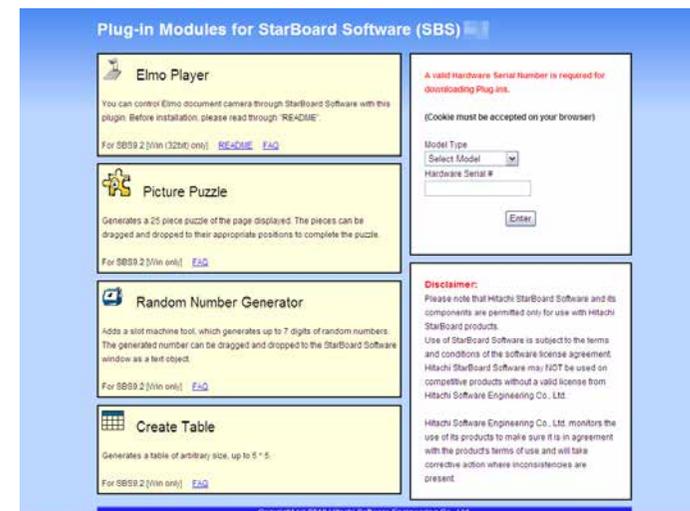
After download plug-ins, Install downloaded plug-ins by “Install New Plug-ins” button, and ready to use.

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 .

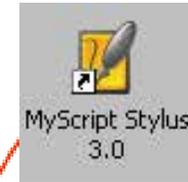
To activate MyScript Stylus, either Double-click the shortcut on desktop, or Click the icon on tasktray. There are 3 different mode in MyScript Stylus:

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

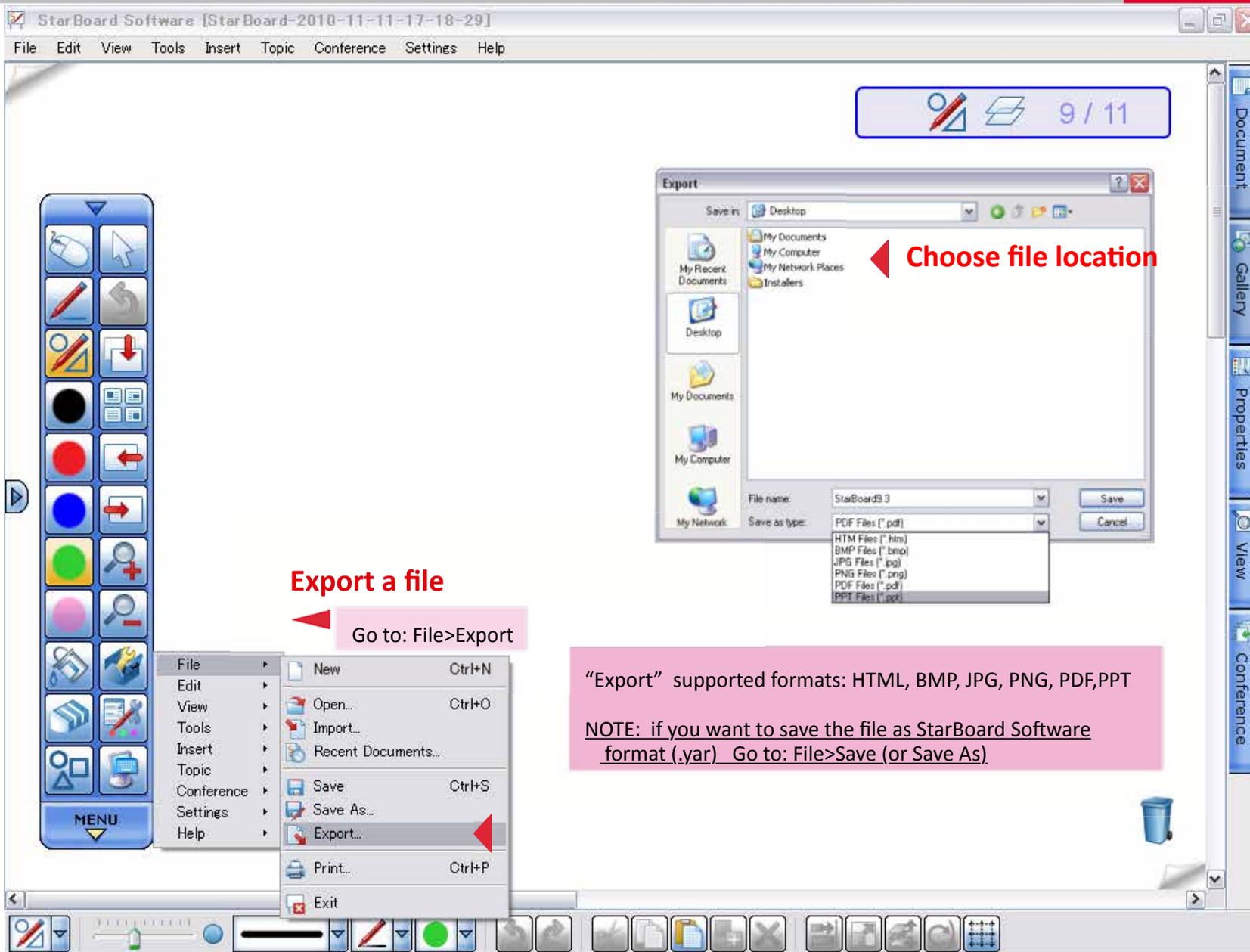
For more detailed usage of MyScript Stylus, please refer MyScript Stylus help page from Preferences



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



input text "StarBoard" in the application



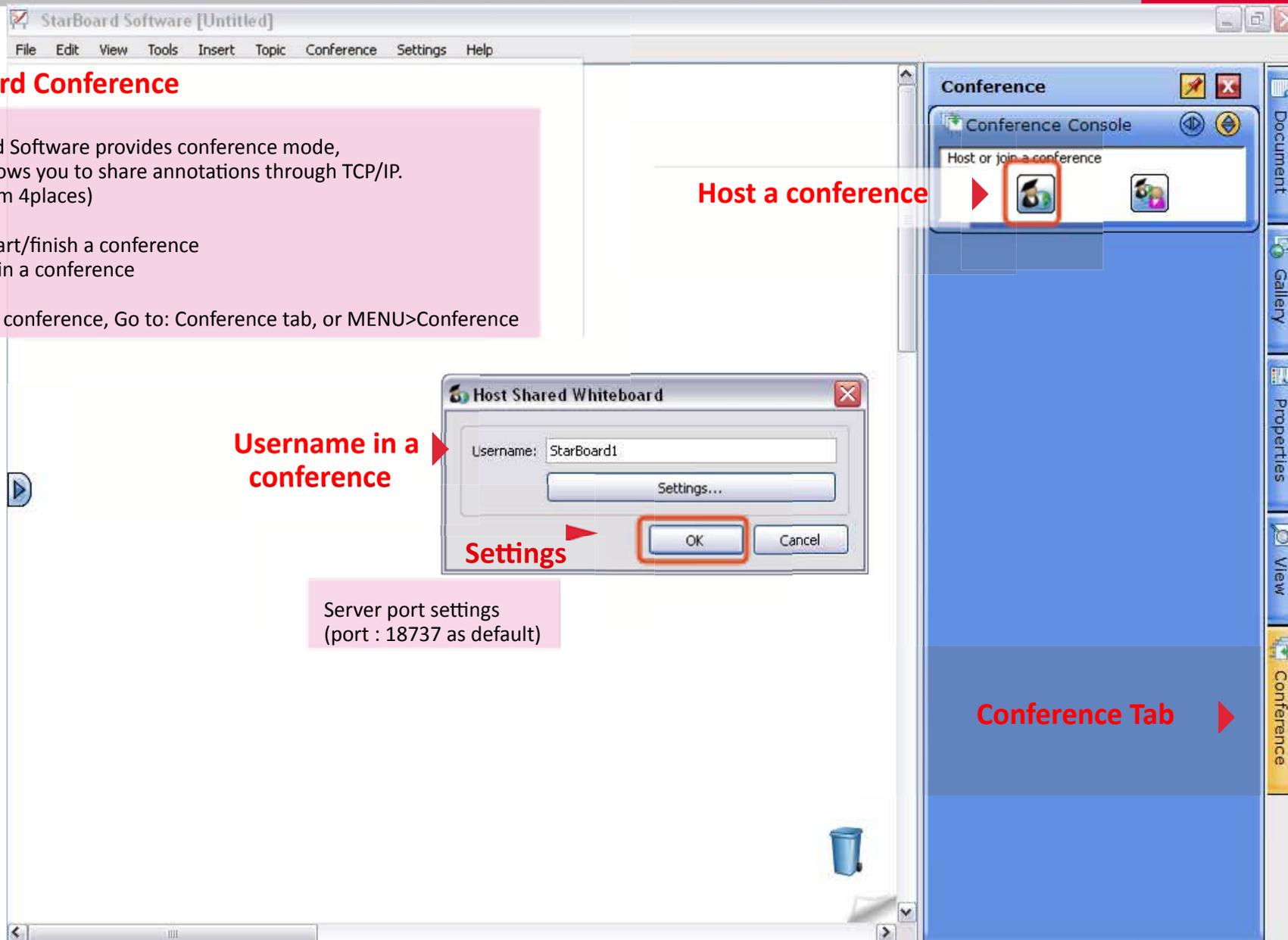
Conference Mode – start conference

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



Username in a conference

Settings

Server port settings
(port : 18737 as default)

Host a conference

Conference Tab

Conference Mode – Join and share annotation

The screenshot shows the StarBoard Software interface with a menu bar (File, Edit, View, Tools, Insert, Topic, Conference, Settings, Help) and a toolbar (Document, Gallery, Properties, View, Conference). The main workspace contains a document titled "Today's topic" with handwritten notes and a "Conference Console" window. The console displays "End Conference", "Conference Users" (starboard1, student1), and "Actions" (Make selected user the presenter, Remove a selected user from the conference, Synchronize all users). Red annotations with arrows point to these elements.

Icons in Host

- 1. Make selected user the presenter
- 2. Remove a selected user from the conference
- 3. Synchronize all users
- End Conference

Host IP and status

133.108.178.91

Conference Console

End Conference

Conference Users

- starboard1
- student1

User List

Action buttons

- Make selected user the presenter
- Remove a selected user from the conference
- Synchronize all users

Icons in Client

- Request to be Presenter
- Sync/Async current shared page
- Leave conference

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 Centre

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

Help>Resource Centre

or

http://starboard.hitachi-solutions.co.jp/resource_center/

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.hitachisolutions-](http://www.hitachisolutions-us.com/starboard/educator_portal/classrooms.shtml)

[us.com/starboard/educator_portal/classrooms.shtml](http://www.hitachisolutions-us.com/starboard/educator_portal/classrooms.shtml)