

# **WX Board software**

## **Operation declaration**



|                                                          |    |
|----------------------------------------------------------|----|
| Part 1 Overview 3 .....                                  | 3  |
| Part II Functional Introduction 3 .....                  | 3  |
| 2.1 Lesson Preparation 3 .....                           | 3  |
| 2.1.1 Settings 3 .....                                   | 3  |
| 2.1.1.1 General Settings 3 .....                         | 3  |
| 2.1.1.2 Memory Blackboard 3 .....                        | 3  |
| 2.1.1.3 Software Update 5 .....                          | 5  |
| 2.1.2 New Courseware Page 5 .....                        | 5  |
| 2.1.3 Main Lesson Preparation Interface 6 .....          | 6  |
| 2.1.3.1 Index Bar 6 .....                                | 6  |
| 2.1.3.2 Toolbar 6 .....                                  | 6  |
| 2.1.3.2.1 File 7 .....                                   | 7  |
| 2.1.3.2.2 Text 7 .....                                   | 7  |
| 2.1.3.2.3 Insert 7 .....                                 | 7  |
| 2.1.3.2.4 Mind Map 8 .....                               | 8  |
| 2.1.3.2.5 Shape 8 .....                                  | 8  |
| 2.1.3.2.6 Tools 9 .....                                  | 9  |
| 2.1.3.2.7 Classroom Activities 13 .....                  | 13 |
| 2.1.3.3 Attribute Panel 14 .....                         | 14 |
| 2.1.3.4 Animation Settings Bar 14 .....                  | 14 |
| 2.1.3.5 Bottom Status Bar 14 .....                       | 14 |
| 2.2 Teaching 15 .....                                    | 15 |
| 2.2.1 Main Interface for Course Instruction 15 .....     | 15 |
| 2.2.1.1 Bottom toolbar 15 .....                          | 15 |
| 2.2.1.1.1 Save 15 .....                                  | 15 |
| 2.2.1.1.2 Share 16 .....                                 | 16 |
| 2.2.1.1.3 Select 16 .....                                | 16 |
| 2.2.1.1.4 Pen 16 .....                                   | 16 |
| 2.2.1.1.5 Rubber 17 .....                                | 17 |
| 2.2.1.1.6 Revocation 17 .....                            | 17 |
| 2.2.1.1.7 Reduction 17 .....                             | 17 |
| 2.2.1.1.8 Split Screen 17 .....                          | 17 |
| 2.2.1.1.9 Tools 18 .....                                 | 18 |
| 2.3 Memory Blackboard 28 .....                           | 28 |
| 2.3.1 Capacitor Version 28 .....                         | 28 |
| 2.3.2 Eight-key version (Infrared + Capacitive) 29 ..... | 29 |
| 2.3.3 Infrared Version (Push-Pull Plate) 31 .....        | 31 |

The WX Board is a software designed for interactive large screens or smart blackboards, specializing in classroom interactive teaching. It features smooth large-screen writing, a wealth of teaching aids, and professional multi-disciplinary tools, delivering an excellent teaching experience for educators and significantly enhancing classroom engagement and student participation.

This feature guide primarily explains the functionality and usage of WX board.

## Part 2: Function Introduction

### 2.1 Lesson Preparation

#### 2.1.1 Settings

Users can customize the software settings to better align with their personal preferences through the configuration interface.

| Setting           |                                                                                                                 |
|-------------------|-----------------------------------------------------------------------------------------------------------------|
| general setting   | Language <span>English</span>                                                                                   |
| memory blackboard | tool name<br><input checked="" type="checkbox"/> Toolbar shows icon + text after opening                        |
| software update   | auto teaching<br><input checked="" type="checkbox"/> Open the whiteboard and enter the teaching page after oper |
| <span>ok</span>   |                                                                                                                 |

##### 2.1.1.1 General Settings

Supported software language: Default is English. You can change it to Chinese or Japanese.

Enable software tool name display: Default is off (tool names are not displayed). Turn on to show tool names.

Supports teaching mode setup: The whiteboard software opens the default lesson preparation interface. After enabling teaching mode, open the software to enter the teaching interface.

## 2.1.1.2 Memory Blackboard

### 2.1.1.2.1 Capacitor Version

Supports memory blackboard feature

Setting

general setting

memory blackboard

software update

Default writing color

☒ white ☐ red ☐ blue ☐ yellow ☐ black

save paths

C:/Users/Administrator/Desktop

Modify directory

Customize button

☒ Setting ☐ share ☐ clear screen ☐ splitscreen

☐ new page ☐ Last page ☐ next page ☐ switch screens

You can set the default writing stroke color to white by default, or change it to red, blue, yellow, or black.

Enable setting the default file storage path

Supports custom button settings. By default, you can select specific functions: Share, Clear Screen, Split Screen, Create Page, Previous Page, Next Page, and Switch Between Left and Right Screens.

### 2.1.1.2.2 Infrared Version (8 Keys)

Set the default writing stroke color to white by default, or choose other colors.

Supports setting save paths.

| Setting           |                                                                                                                                    | ×                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| general setting   | Default writing color                                                                                                              |                                  |
|                   | <input checked="" type="checkbox"/> white <input type="checkbox"/> red <input type="checkbox"/> customize <input type="checkbox"/> |                                  |
| memory blackboard | save paths                                                                                                                         |                                  |
| software update   | <input type="text" value="C:/Users/Administrator/Desktop"/>                                                                        | <a href="#">Modify directory</a> |
|                   |                                                                                                                                    |                                  |

## 2.1.1.2.3 Infrared Version (Push-Pull Plate)

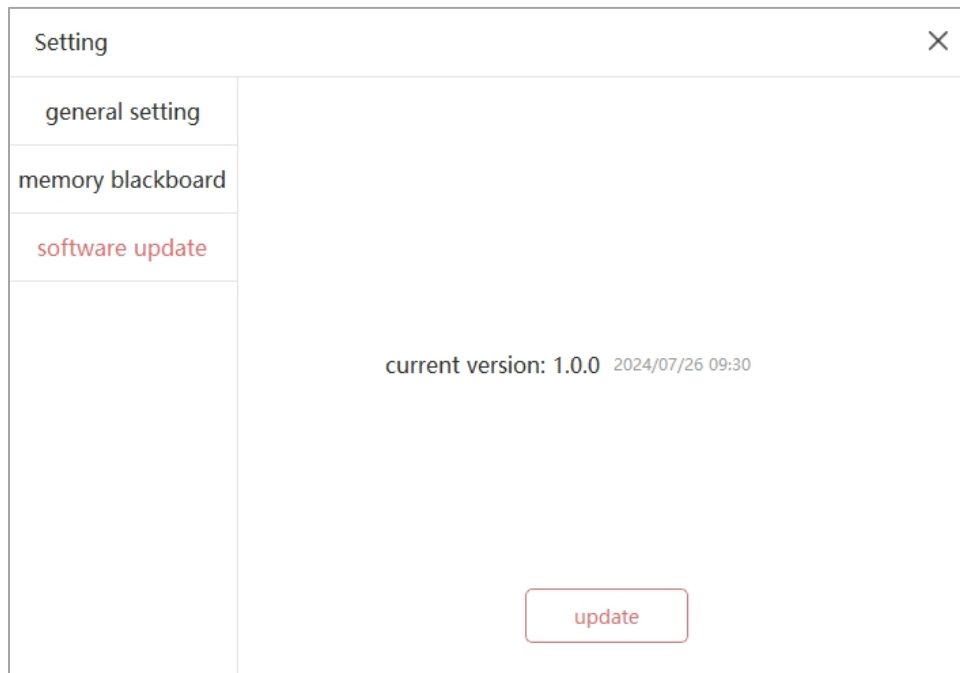
Enable default storage path settings

Supports screen switching: Replaces the left and right positions of the electronic screen.

| Setting           |                                                             | ×                                |
|-------------------|-------------------------------------------------------------|----------------------------------|
| general setting   | save paths                                                  |                                  |
|                   | <input type="text" value="C:/Users/Administrator/Desktop"/> | <a href="#">Modify directory</a> |
| memory blackboard |                                                             |                                  |
| software update   | Screen Switch                                               |                                  |
|                   | Left-right Screen Swap <input type="checkbox"/>             |                                  |
|                   | Electronic screen left and right position swap              |                                  |

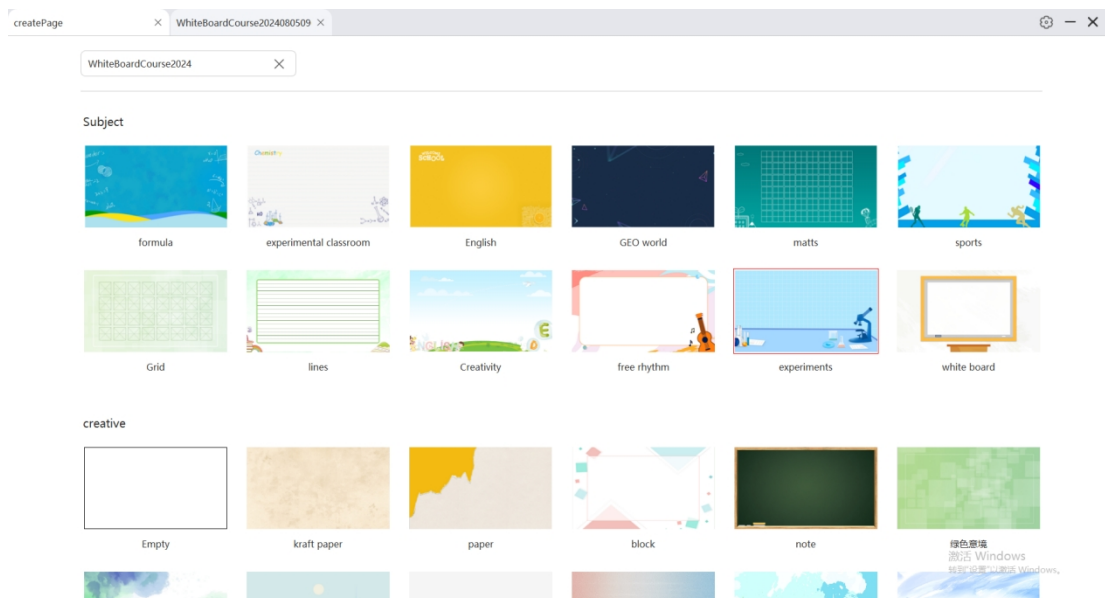
## 2.1.1.3 Software Update

You can view the software version information and update it when a new version is available.



## 2.1.2 New Courseware Page

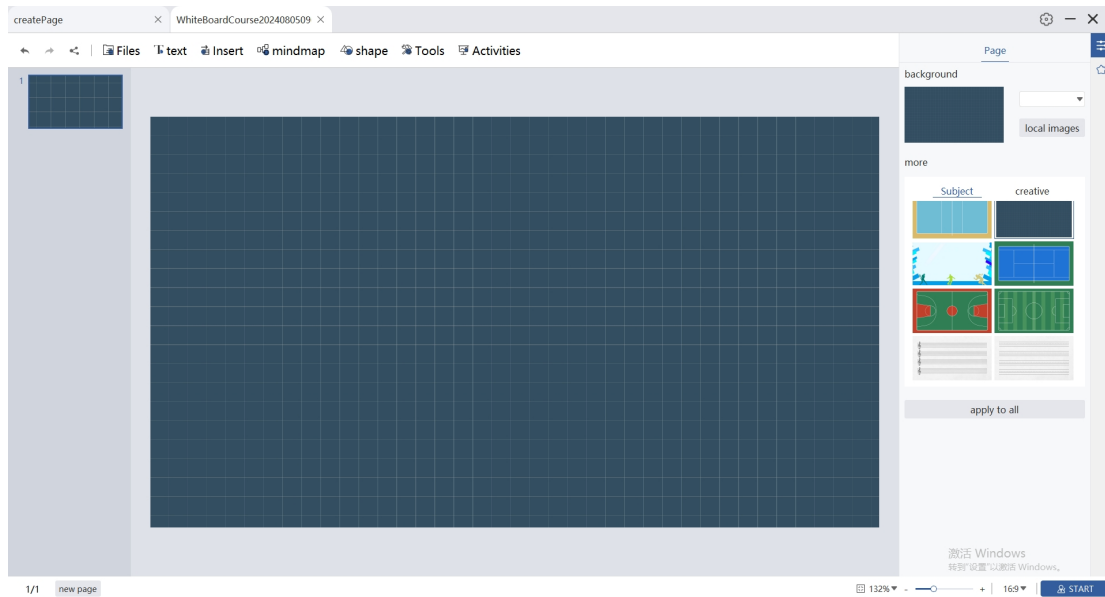
Select the background interface to change the courseware name. Click to choose a background to create the courseware and proceed to the lesson preparation interface.



## 2.1.3 Main Lesson Preparation Interface

In lesson preparation mode, you can use software to create courseware.

The main interface consists of an index bar, toolbar, canvas area, properties panel, and bottom status bar.



### 2.1.3.1 Index Bar

The index bar is on the left side of the software, displaying thumbnails of all pages and allowing you to create new pages, delete pages, or reorder pages.

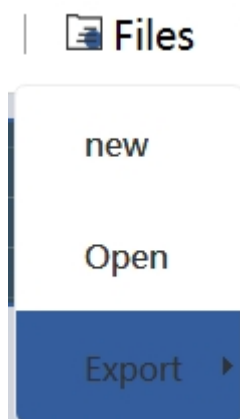
### 2.1.3.2 Toolbar

The menu bar is located at the top of the software interface, providing undo, restore, share, and sync buttons. Its primary functions include files, text, insertions, mind maps, shapes, tools, and classroom activities.



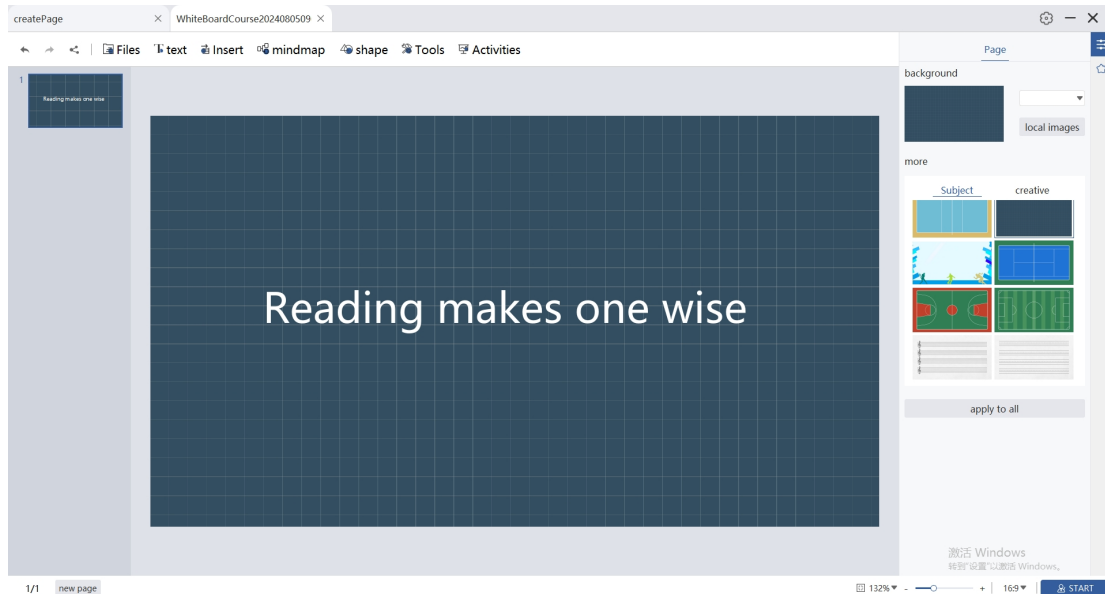
#### 2.1.3.2.1 Document

Click the file to perform operations such as creating, opening, or saving.



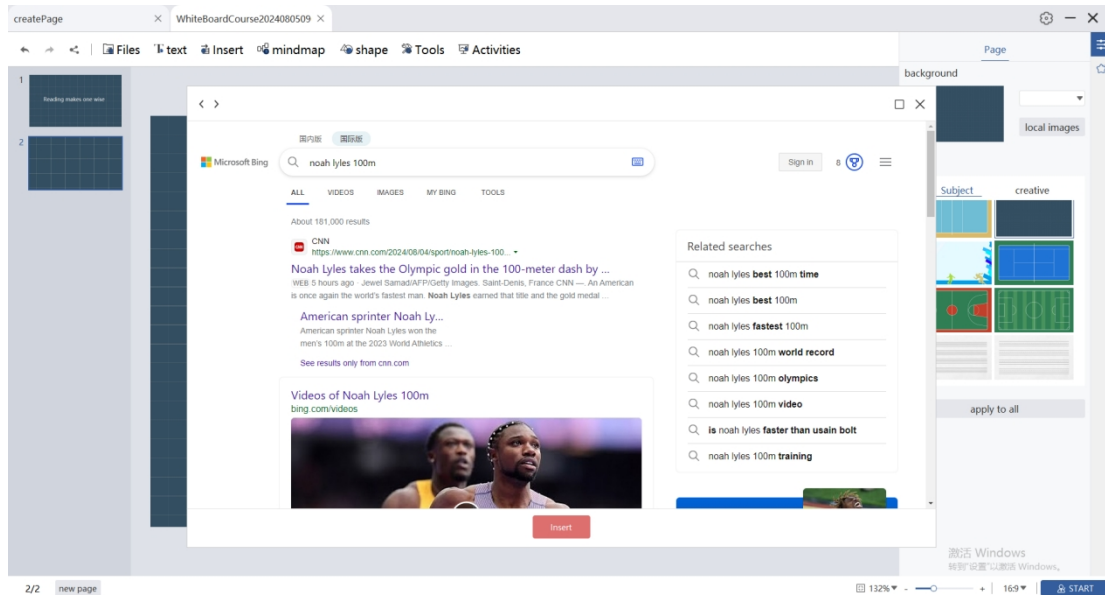
#### 2.1.3.2.2 Text

Text tools can insert text boxes into courseware: Click to insert a text box on the page to enter text.



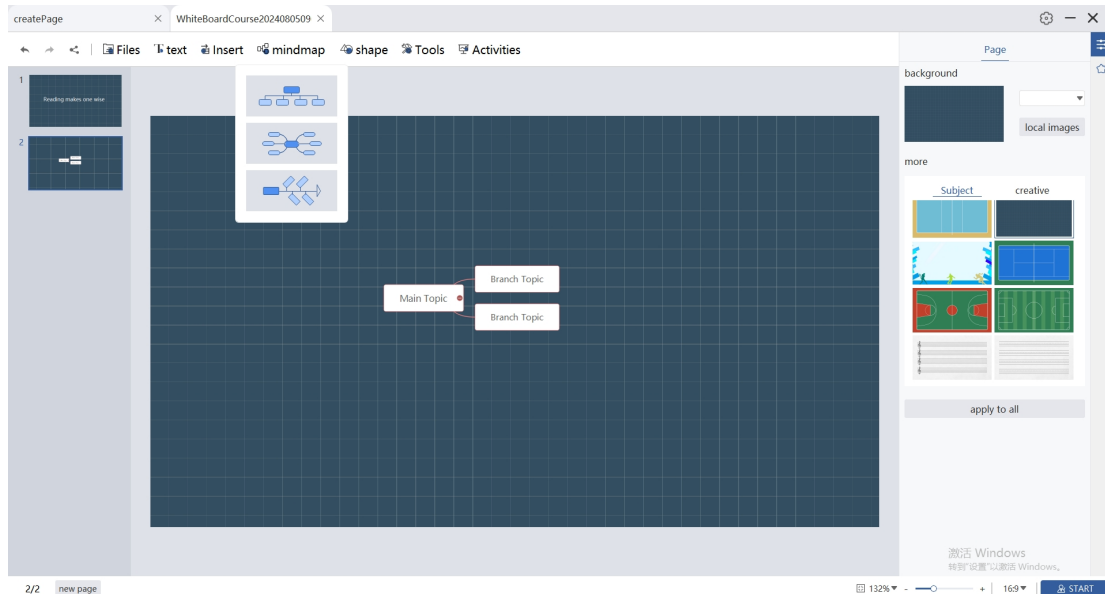
## 2.1.3.2.3 Insertion

Supports inserting materials, web pages, and table content. After inserting a web page, click the icon in the lower right corner to open the dynamic web page for content viewing or further search.



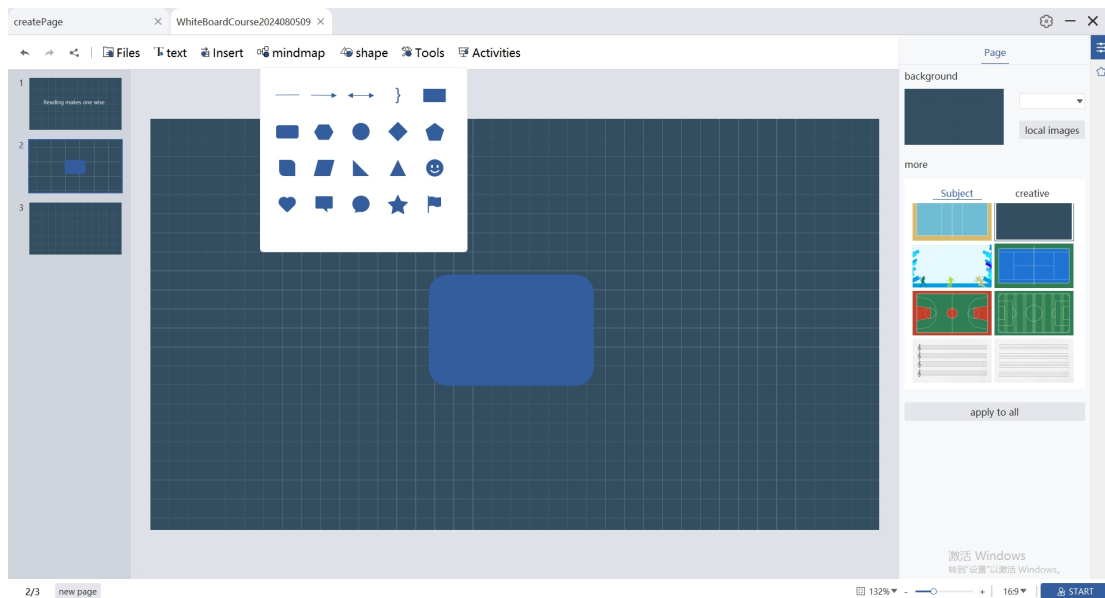
## 2.1.3.2.4 Mind Map

Mind maps include three forms: logic diagrams, organizational structure diagrams, and fishbone diagrams.



## 2.1.3.2.5 Shape

Shape tools allow you to insert shapes into courseware. Select a shape and drag it on the interface to complete drawing. You can enter text within the shape.

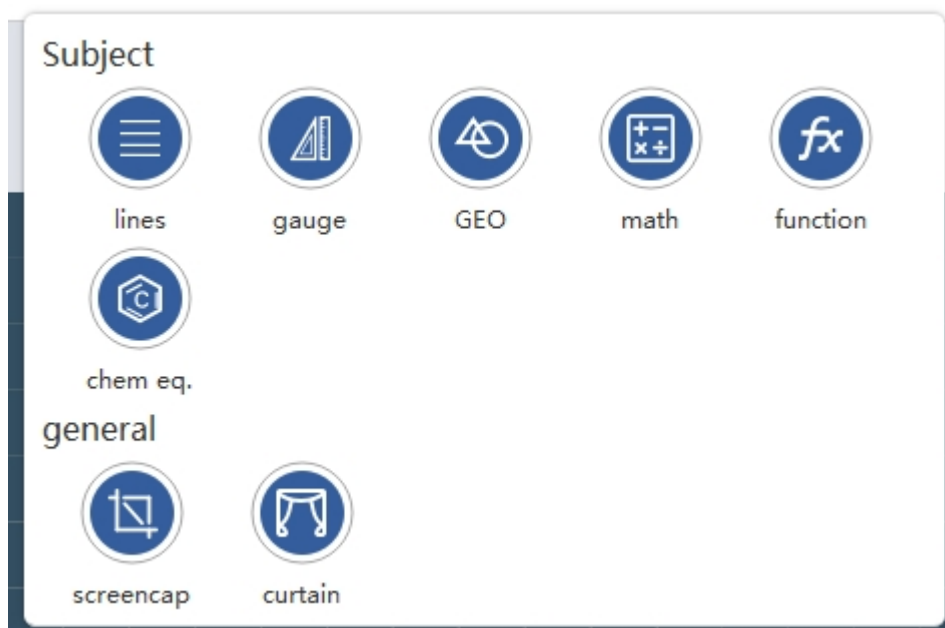


## 2.1.3.2.6 Tools

The tools include:

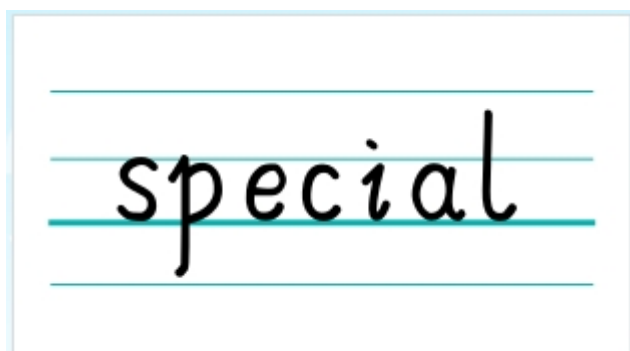
Subject tools: Four-line three-grid, compass and straightedge, geometry, mathematical formulas, functions, chemical equations

Universal Tools: Screenshots, Slides



## 2.1.3.2.6.1 Four-wire, three-cell

Supports English input and object width adjustment



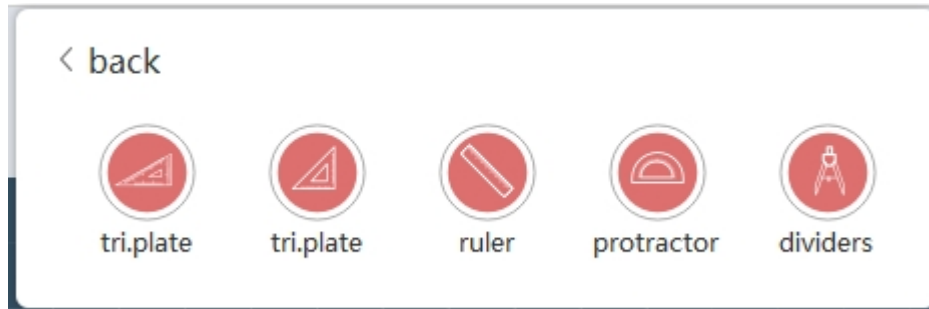
## 2.1.3.2.6.2 Ruler and compass

Provide isosceles triangular rulers, right-angled triangular rulers, straight rulers, protractors, and compass tools.

The triangle ruler and straightedge provide line-drawing functionality. Drag along the ruler's scale to draw lines.

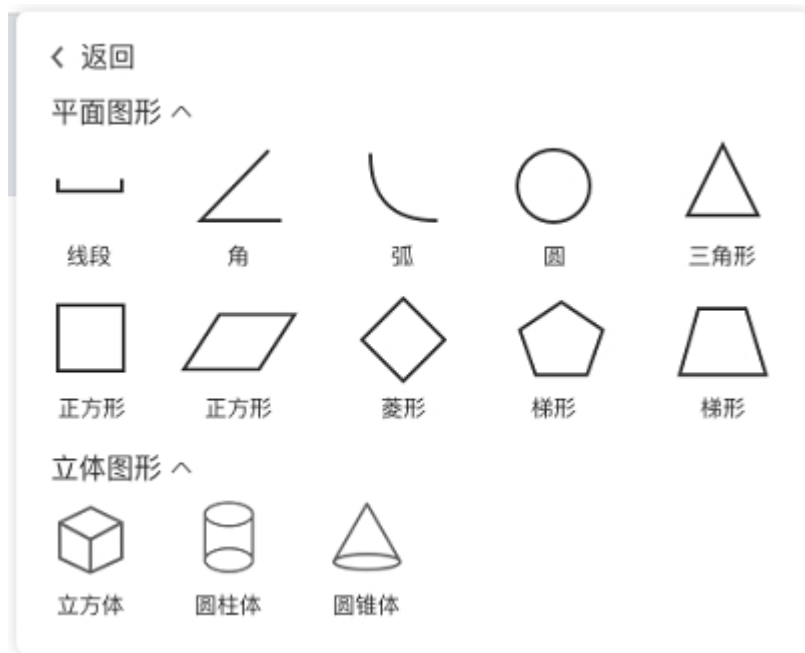
The protractor can draw arcs or angles. Switch the line drawing mode using the icon on the right.

The compass can adjust the radius, draw circles and arcs, and adjust the compass angle.



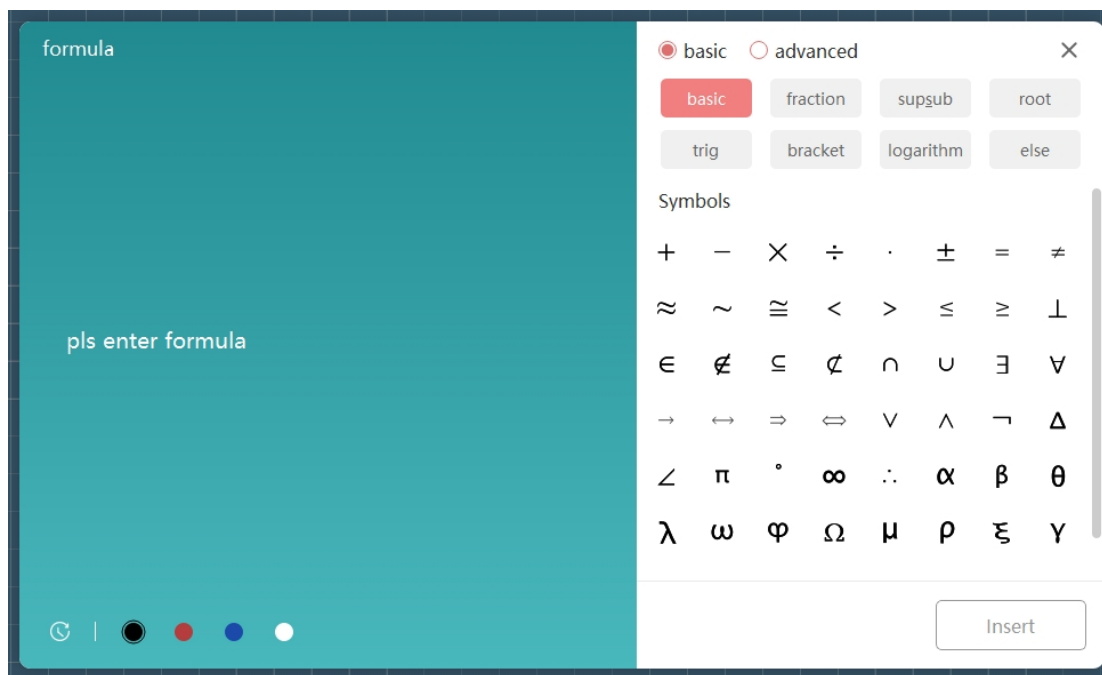
#### 2.1.3.2.6.3 Geometry

Provide geometric shapes. Select them and drag to draw the selected image on the whiteboard.



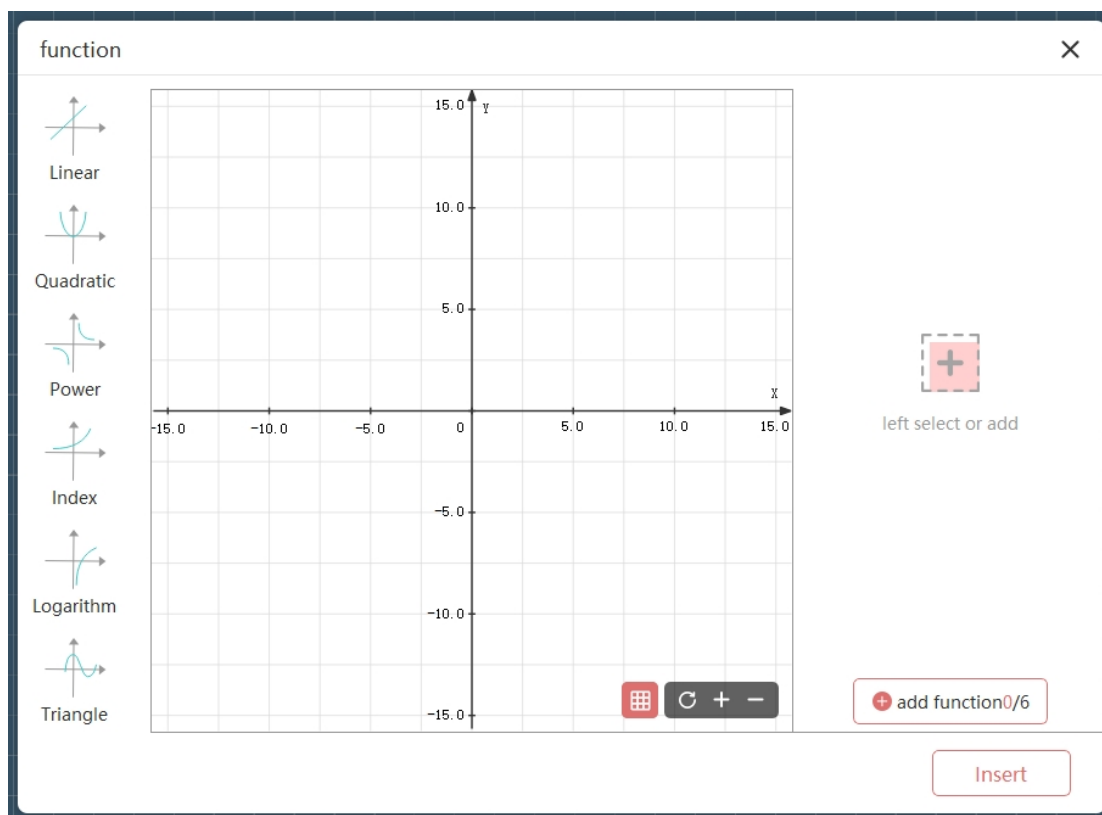
#### 2.1.3.2.6.4 Mathematical Formulas

Click to select a math formula. In the editing interface, you can enter formulas, record formula history, and insert edited formulas into the whiteboard.



#### 2.1.3.2.6.5 Function

Intelligent function tools are available. You can insert commonly used functions or enter expressions for plotting.



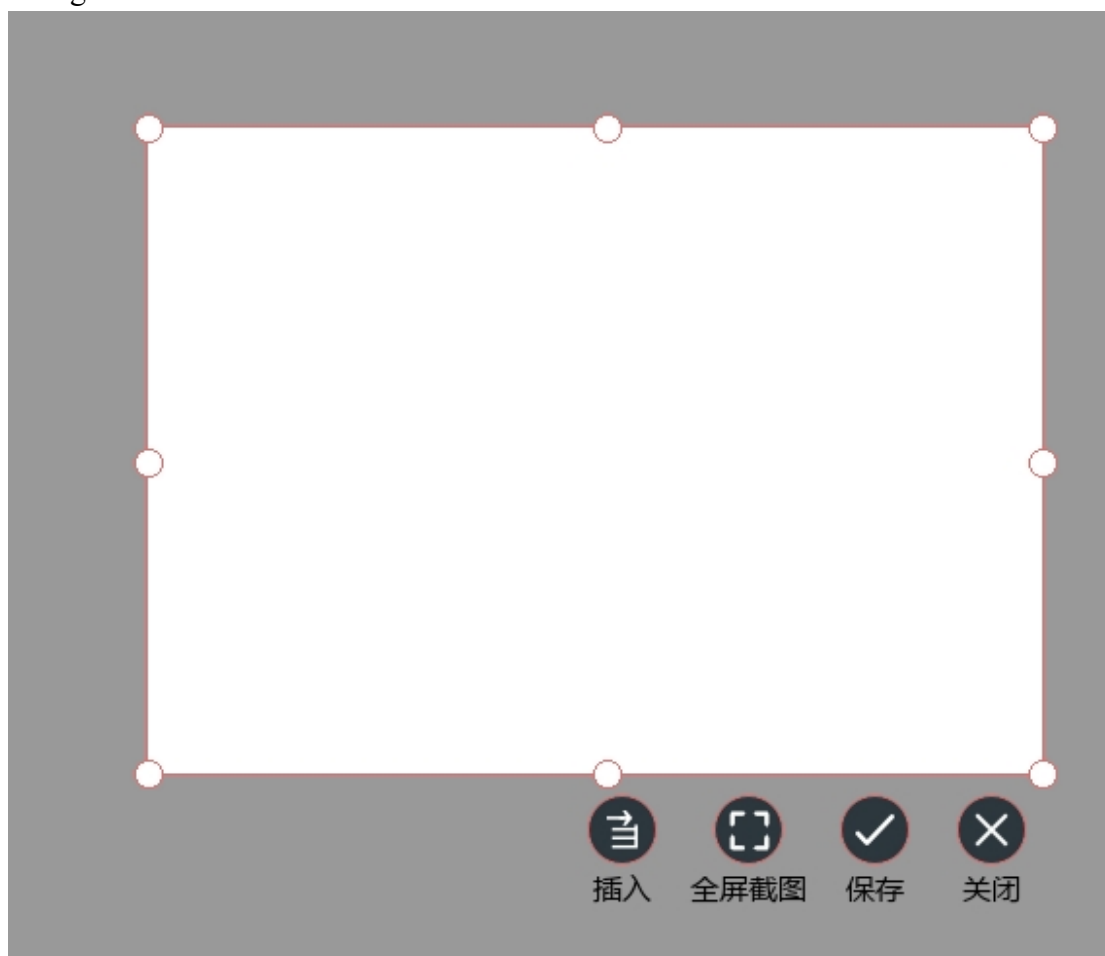
#### 2.1.3.2.6.6 Chemical equations

Provide a chemical equation tool to edit and insert equations.



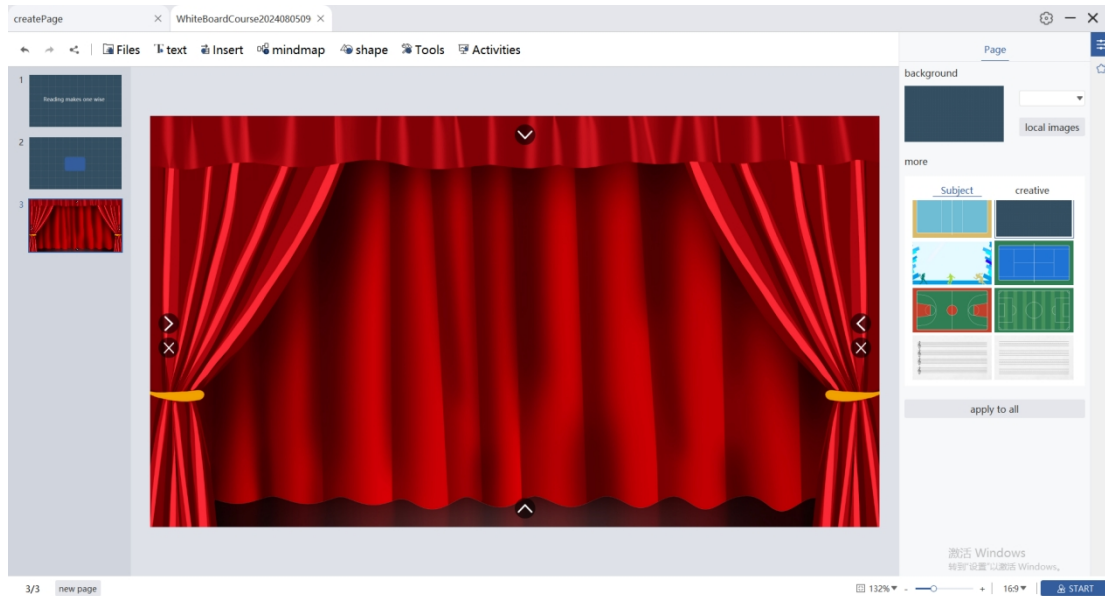
#### 2.1.3.2.6.7 Screenshots

The screenshot tool captures desktop or current page images and offers features like inserting into a whiteboard, taking a full-screen screenshot, and saving to local storage.



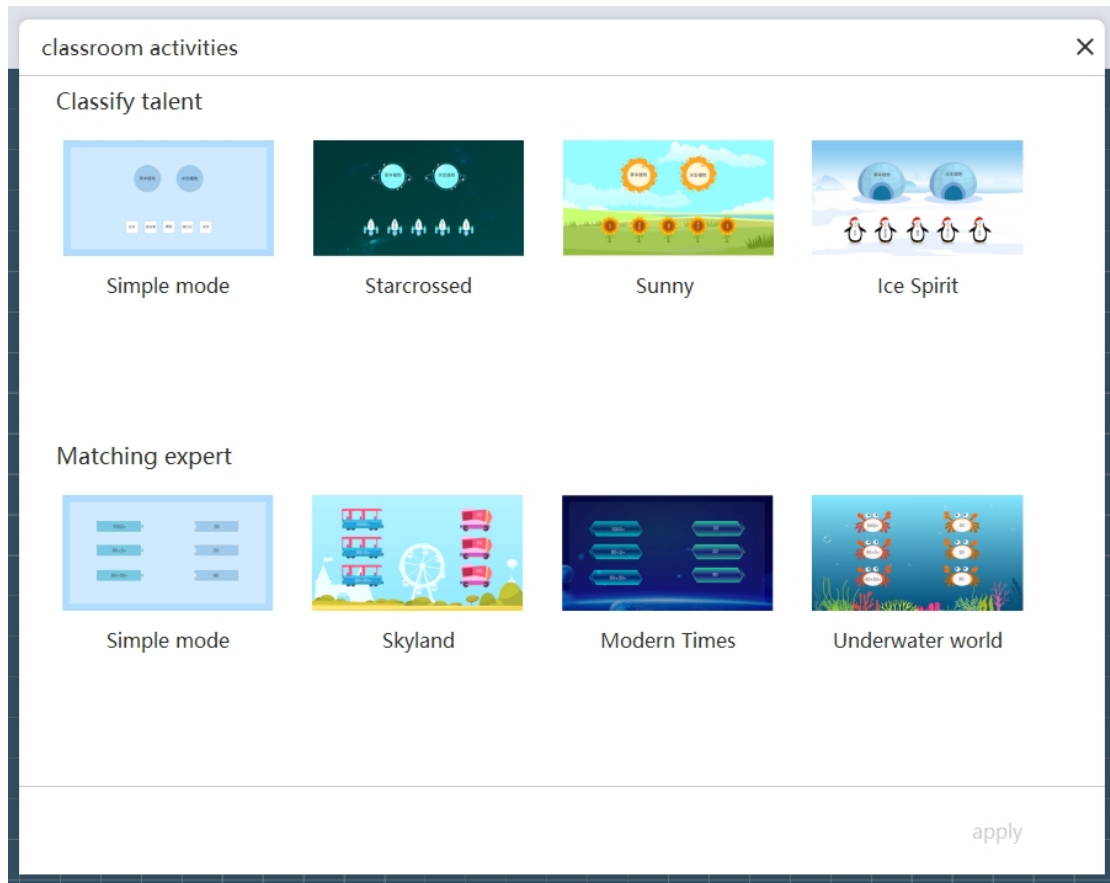
## 2.1.3.2.6.8 Curtain

Use a backdrop to block elements on the whiteboard. Supports moving and zooming.



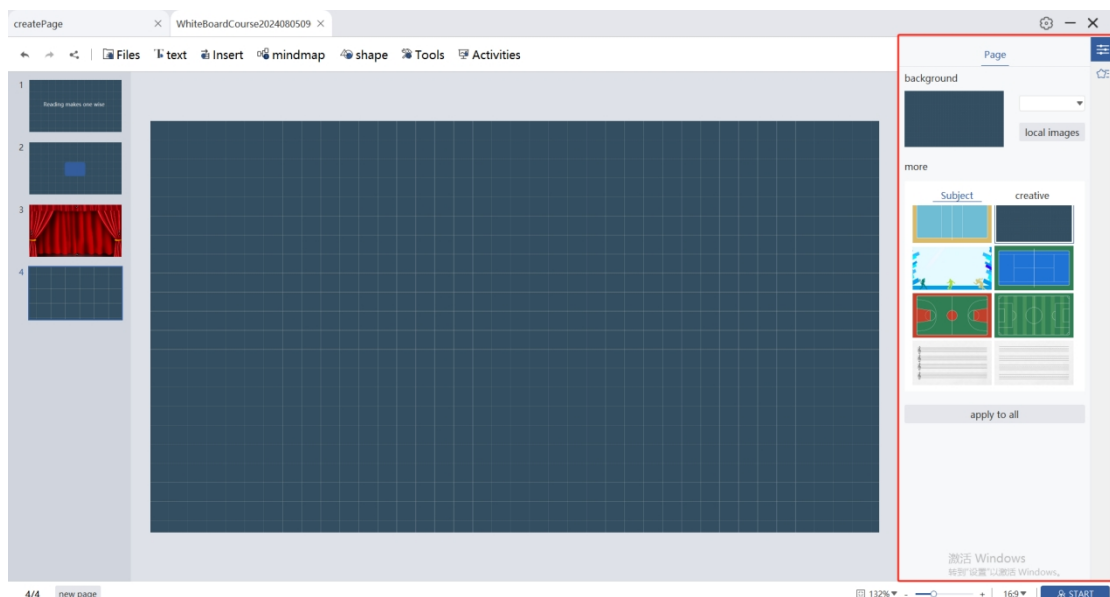
## 2.1.3.2.7 Classroom Activities

The classroom activities include various types of projects such as classification experts, word selection fill-in-the-blank, and matching experts.



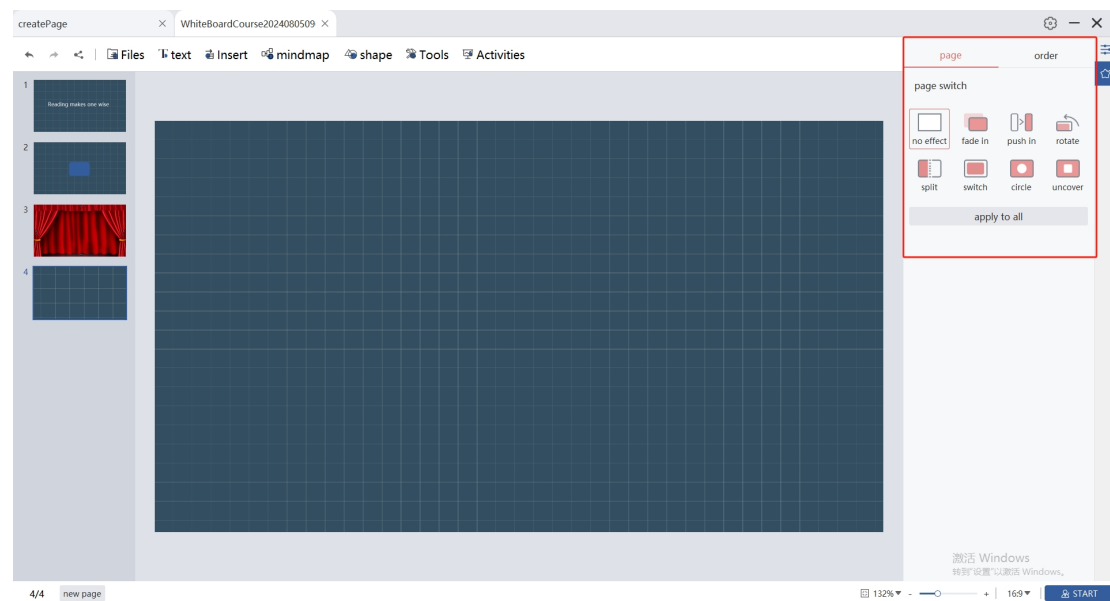
## 2.1.3.3 Attribute Panel

The Properties panel is on the right side of the interface. You can set page properties, element properties, page animations, element animations, and subject tools.



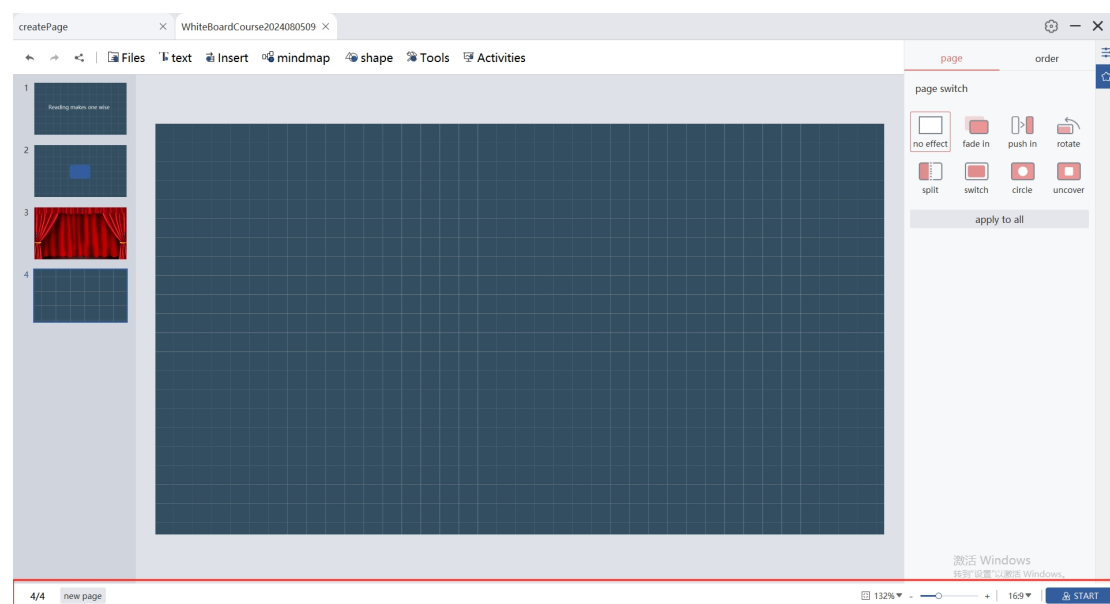
## 2.1.3.4 Animation Settings Bar

Supports animation settings for pages and elements



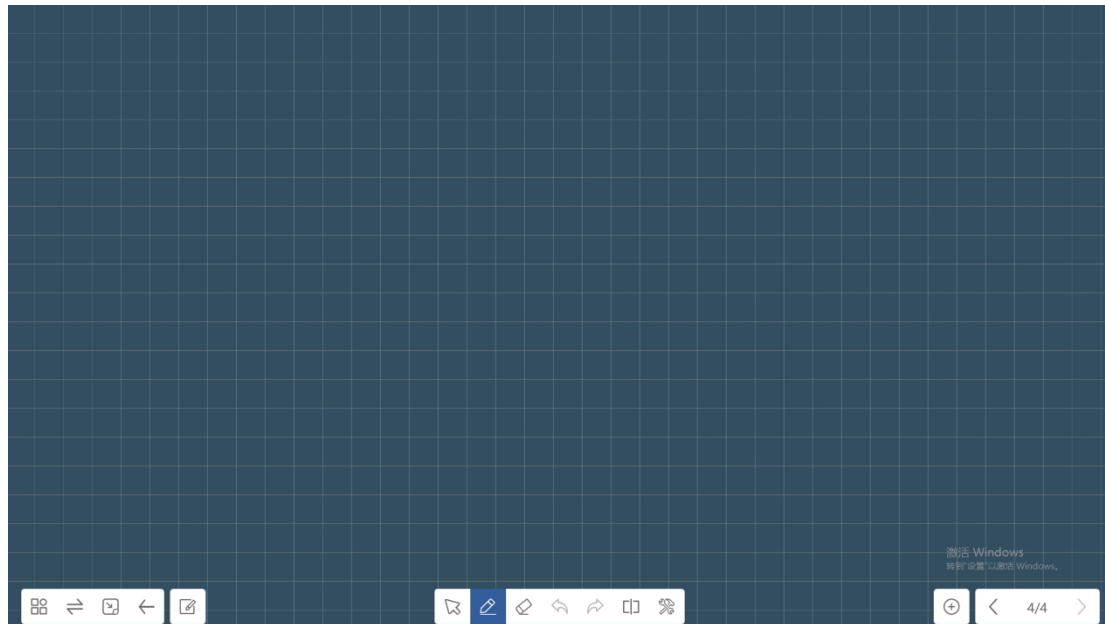
## 2.1.3.5 Bottom Status Bar

Create a new page button, adjust page size, change page ratio, and start teaching button.



## 2.2 Teaching

### 2.2.1 Main Teaching Interface



## 2.2.1.1 Bottom toolbar

Menu: Close, Background, Open File, Save, Share, and Settings

Switch: Click the switch button to toggle left and right display of the index page

Minimize: Click the minimize button to shrink the software and display it on the taskbar.

Toolbar: Select, Pen, Eraser, Undo, Restore, Split Screen, Tools

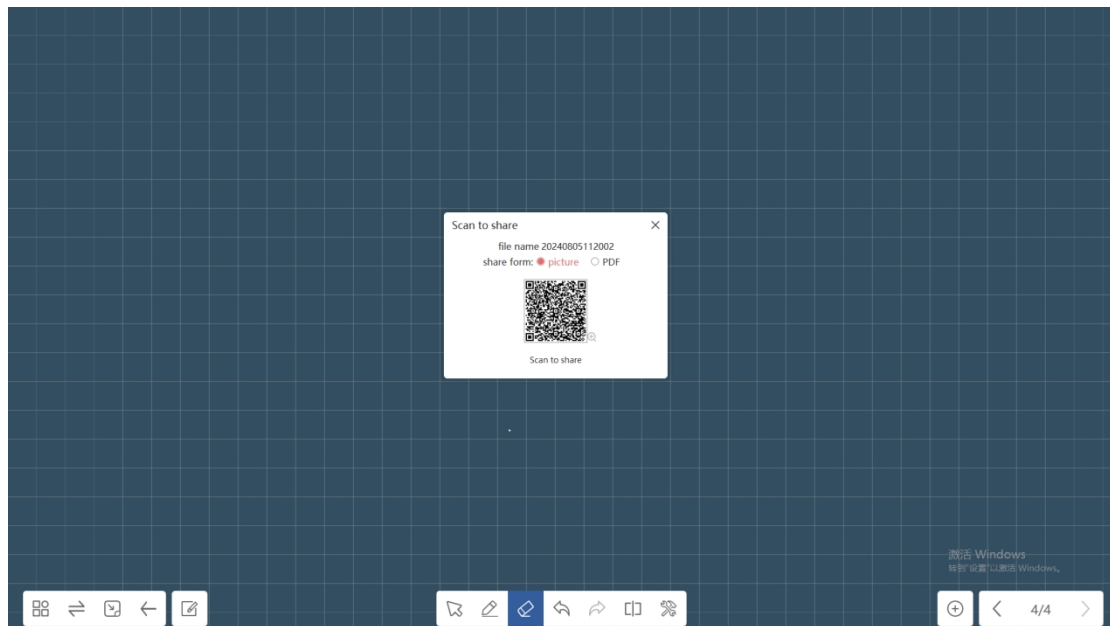
Index: New Page, Page Index, Page Up/Down

### 2.2.1.1.1 Storage

You can export the courseware as source files, images, or PDF files.

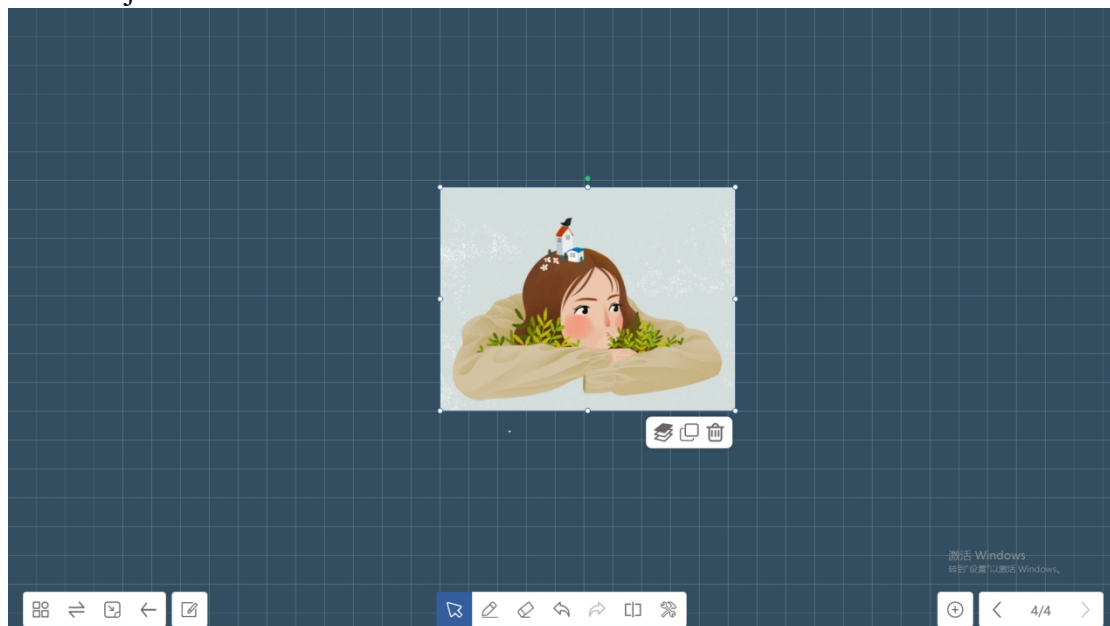
### 2.2.1.1.2 Sharing

Scan the QR code with your phone to download the whiteboard content



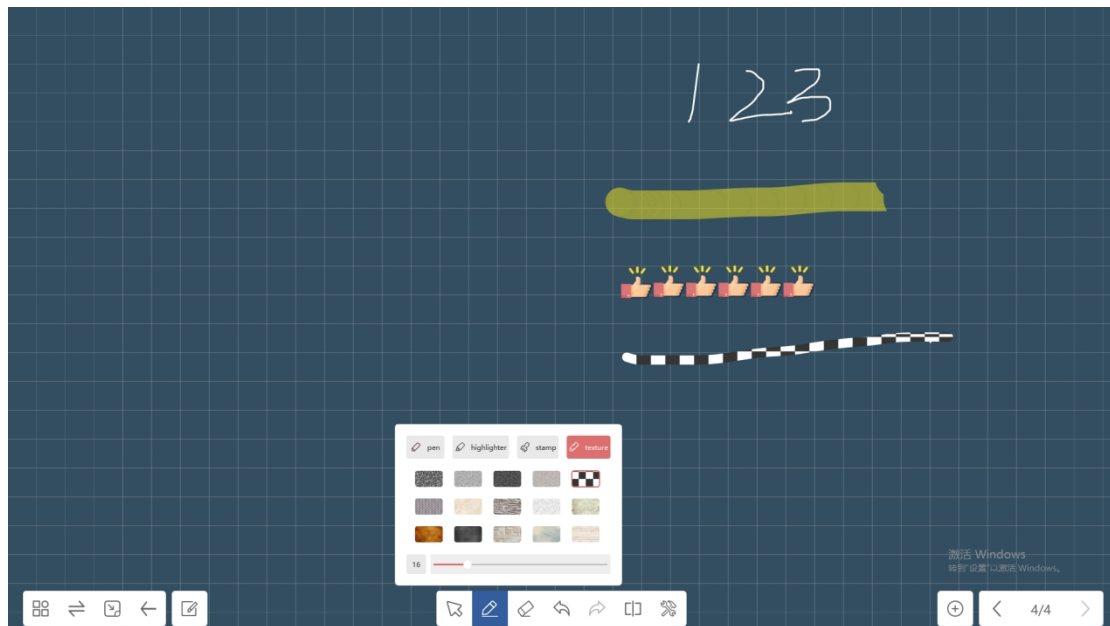
## 2.2.1.1.3 Selection

Select objects to edit and move



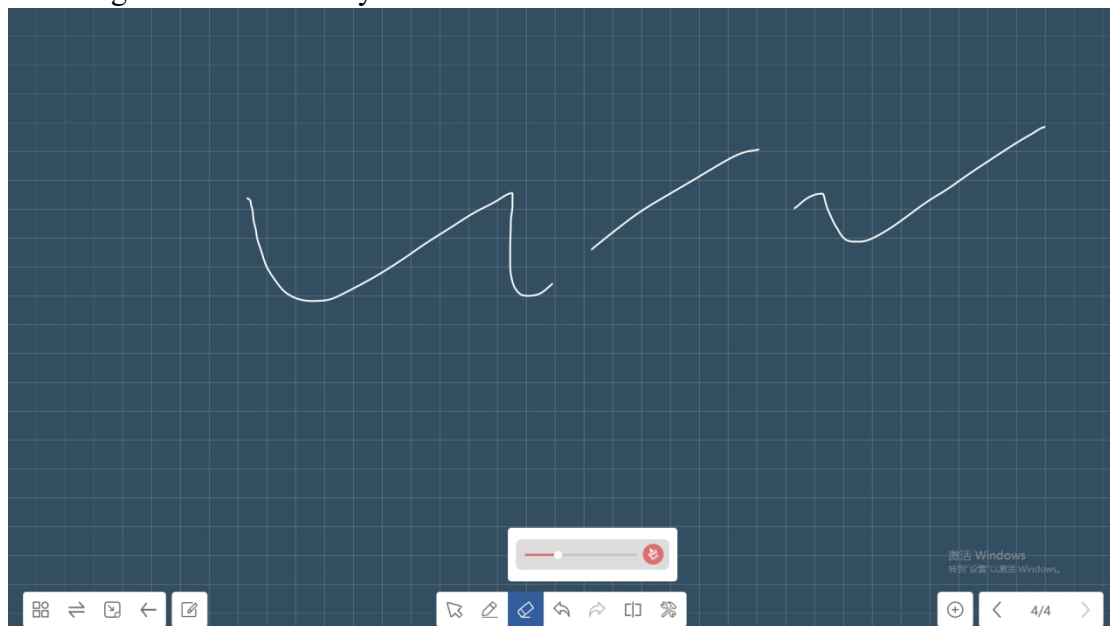
## 2.2.1.1.4 Pen

After selecting a pen, you can write on the whiteboard and adjust the stroke, color, and thickness.



## 2.2.1.1.5 Rubber

Selecting the eraser allows you to erase handwritten content and clear the screen.



## 2.2.1.1.6 Revocation

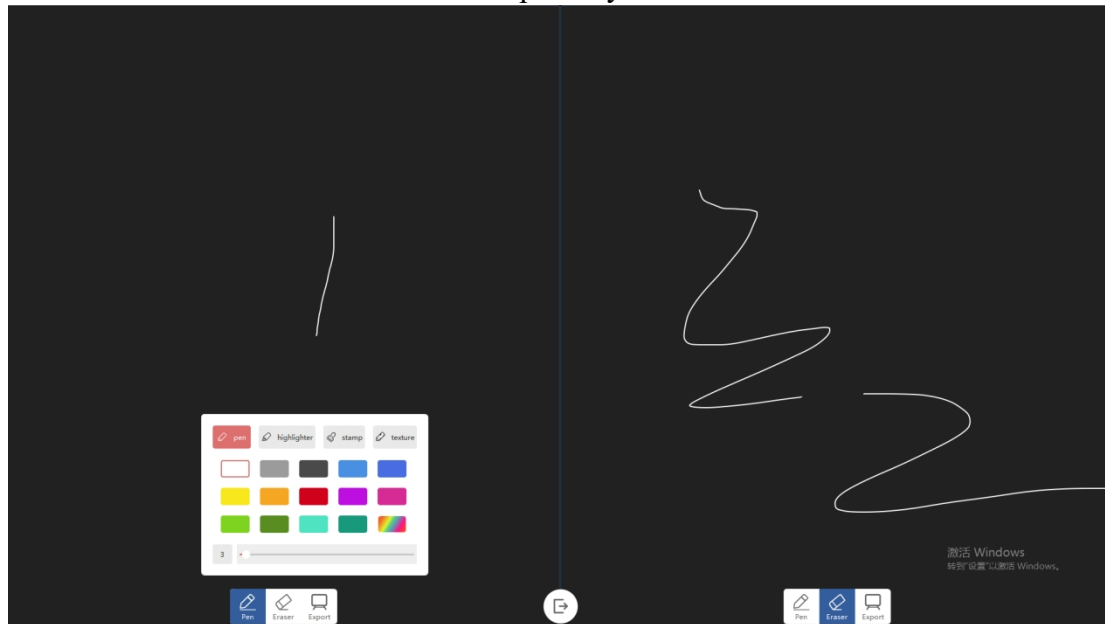
Undo the previous action in the whiteboard after clicking

## 2.2.1.1.7 Reduction

Click to restore the undone action. If no action is undone, the restore button will turn gray.

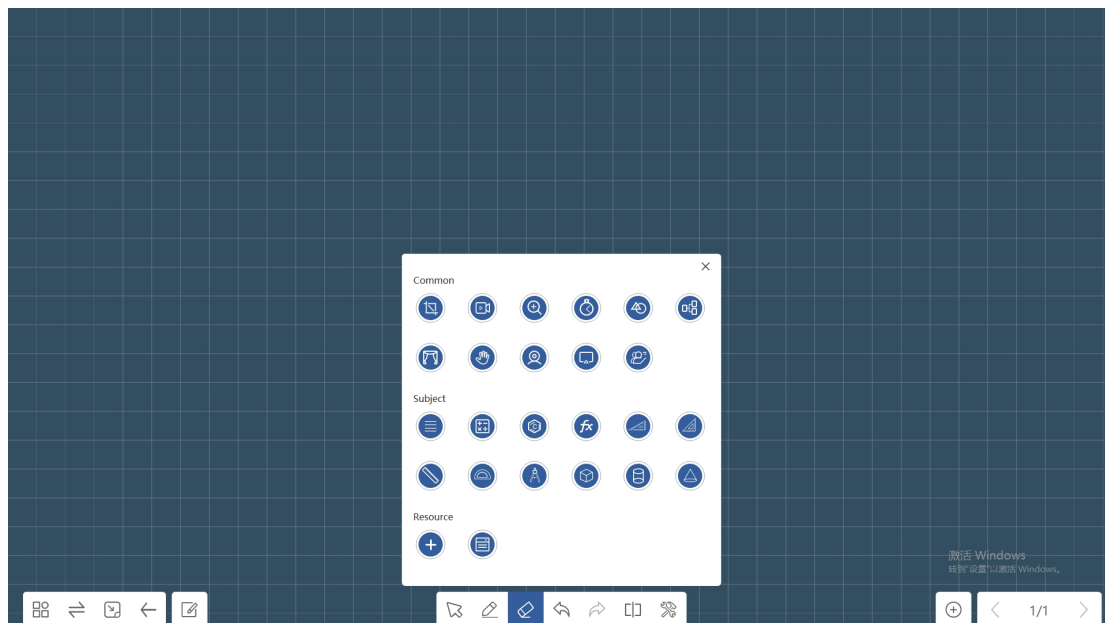
## 2.2.1.1.8 Split Screen

You can use split-screen writing with independent tools on both ends. Insert content from two screens into the whiteboard separately.



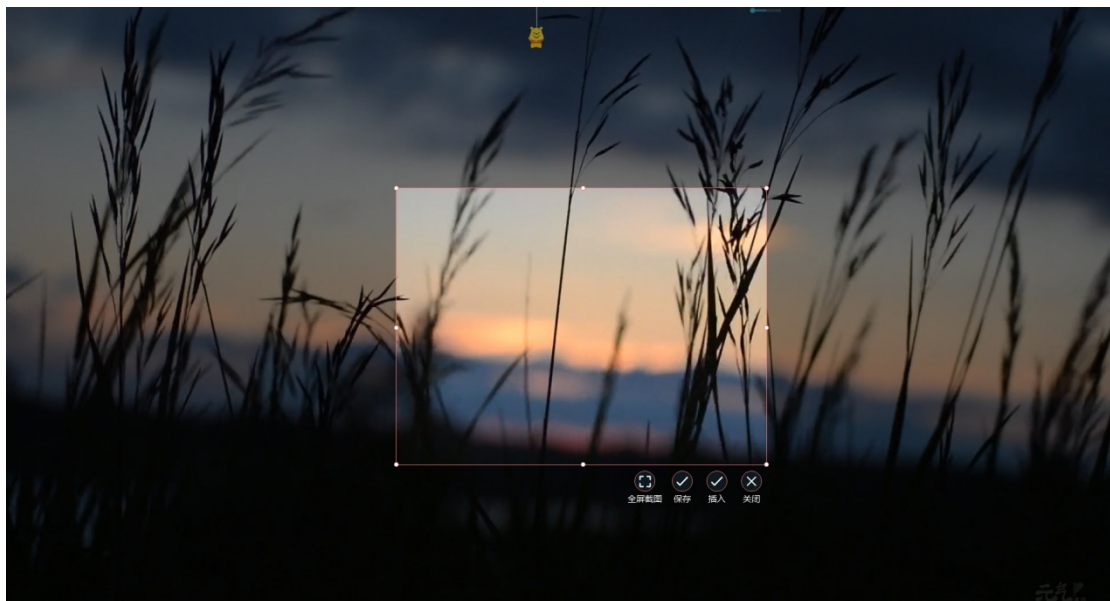
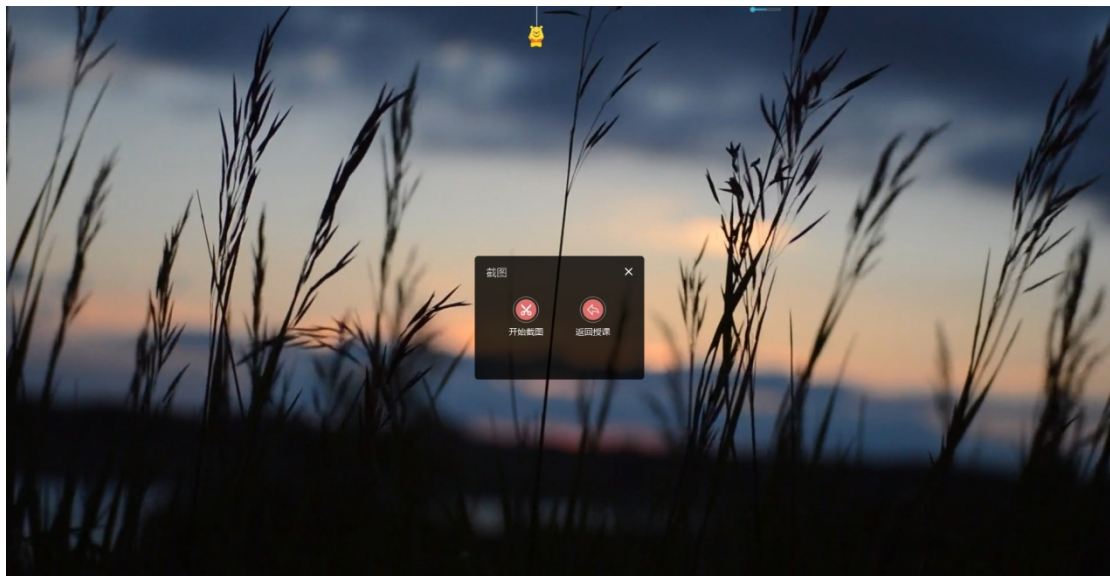
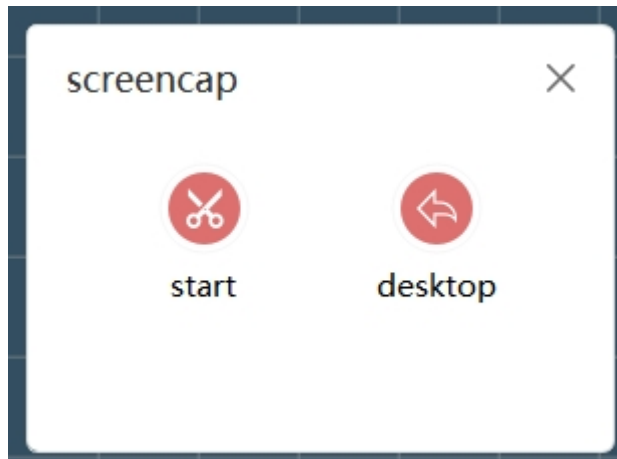
## 2.2.1.1.9 Tools

Show available tools on the whiteboard



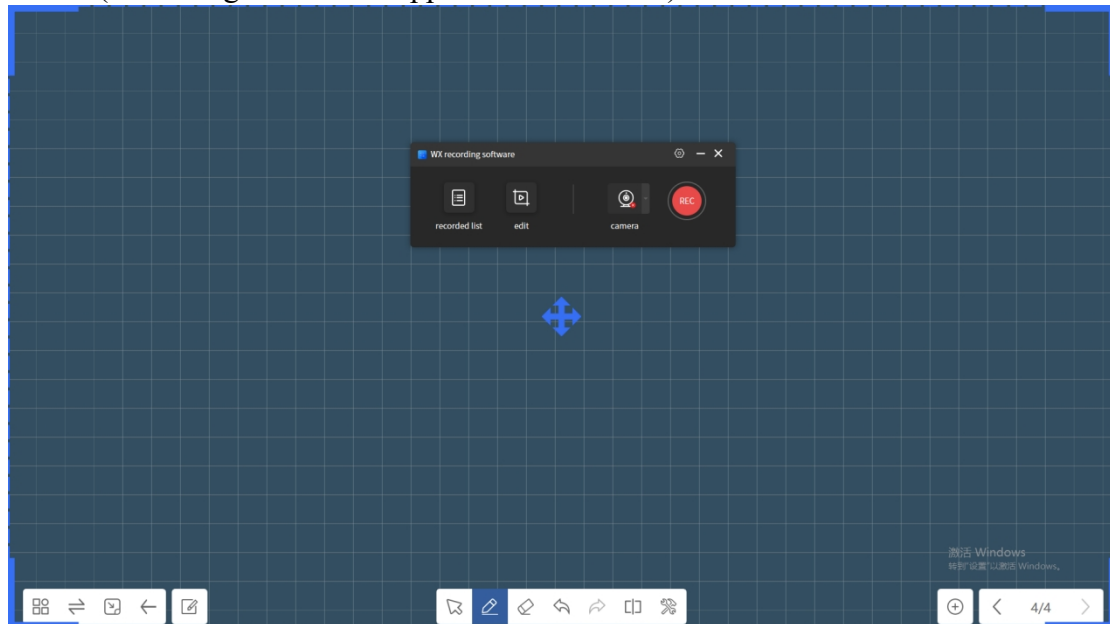
## 2.2.1.1.9.1 Screenshot

You can capture images of whiteboards and desktops, and insert them into whiteboards.



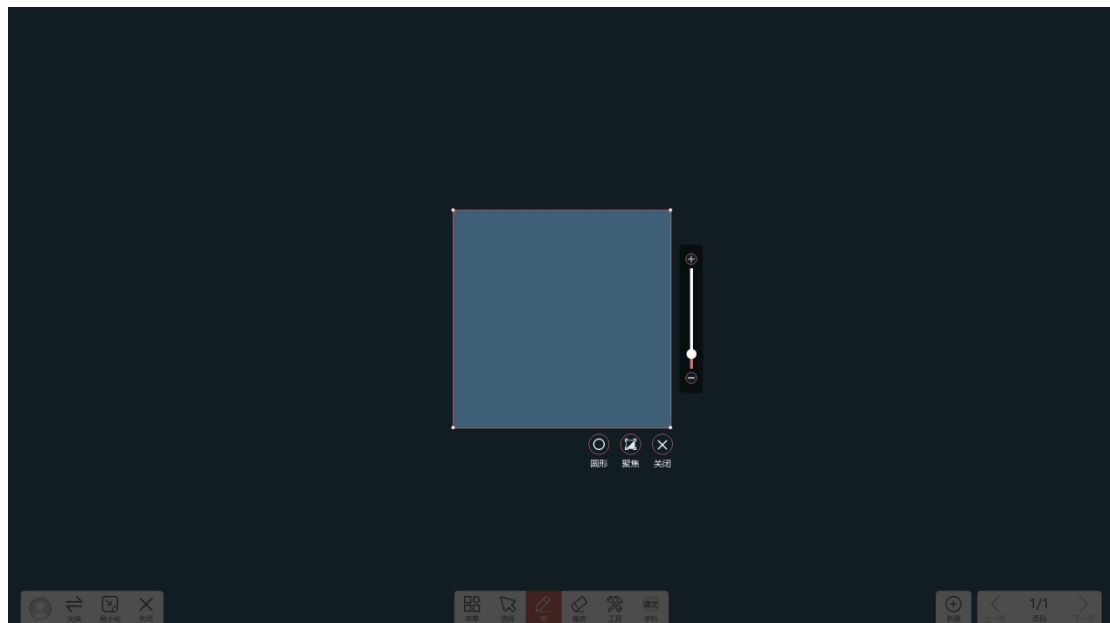
#### 2.2.1.1.9.2 Screen recording

Provide a screen recording tool. Click to launch Wenxiang Microclass and record the screen (Wenxiang Microclass app must be installed).



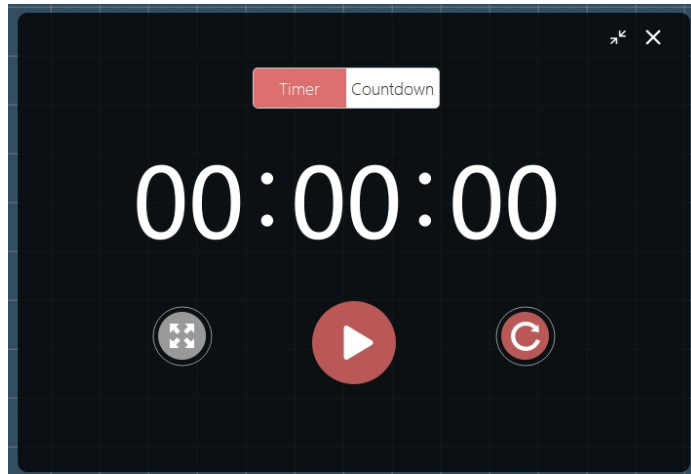
## 2.2.1.1.9.3 Magnifying Glass

You can zoom in to view the whiteboard content



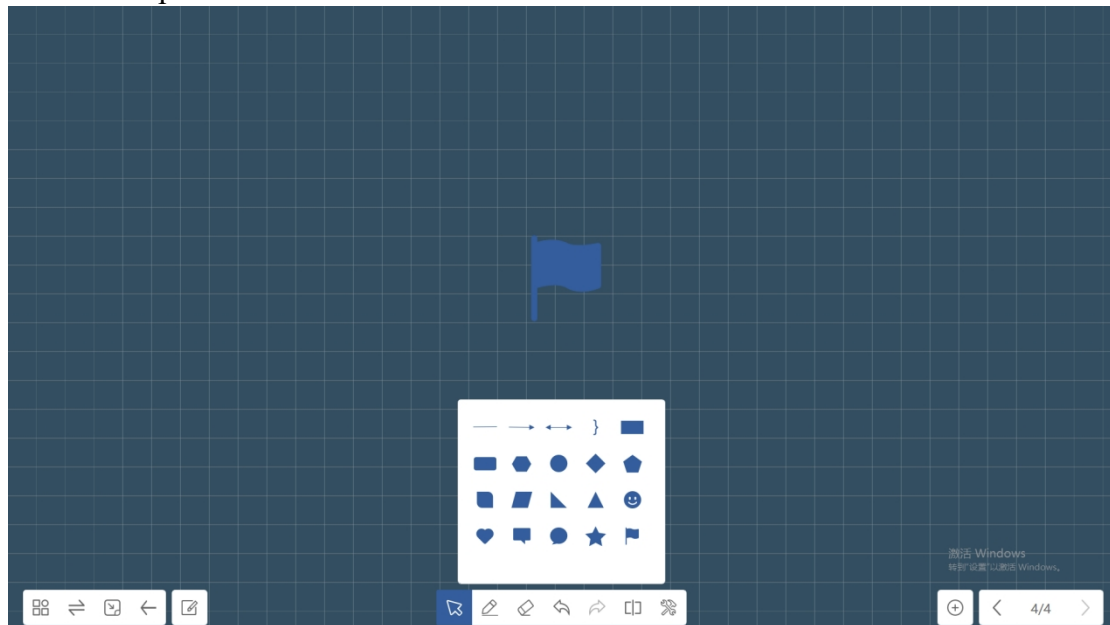
## 2.2.1.1.9.4 Timer

Choose between forward or backward timing. Once enabled, the timer can be minimized or maximized for use.



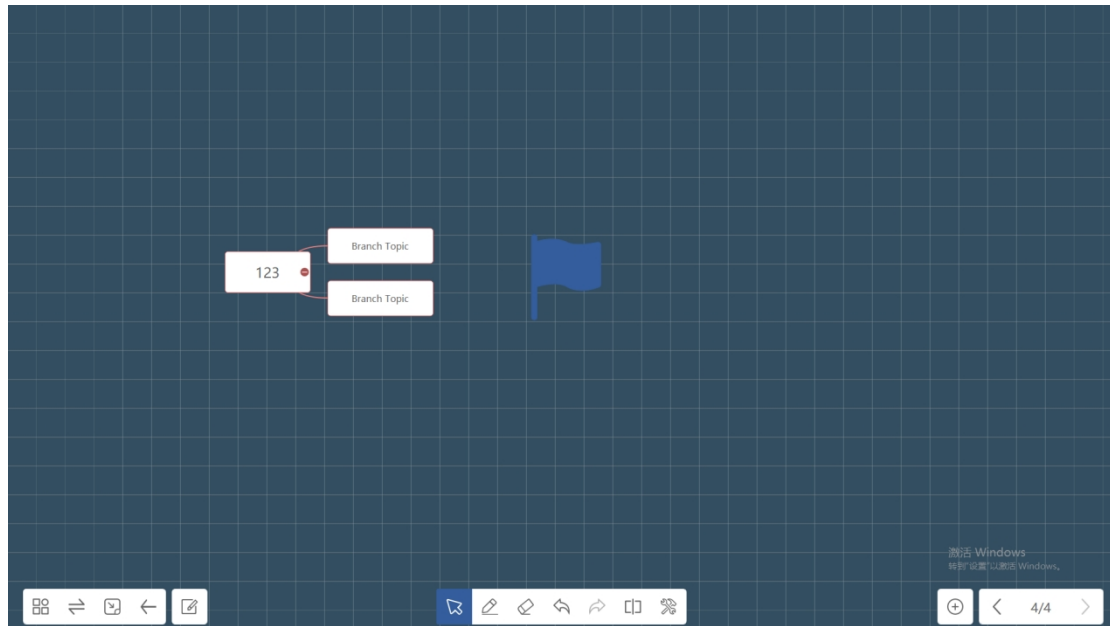
## 2.2.1.1.9.5 Shape

Select a shape and draw on the whiteboard



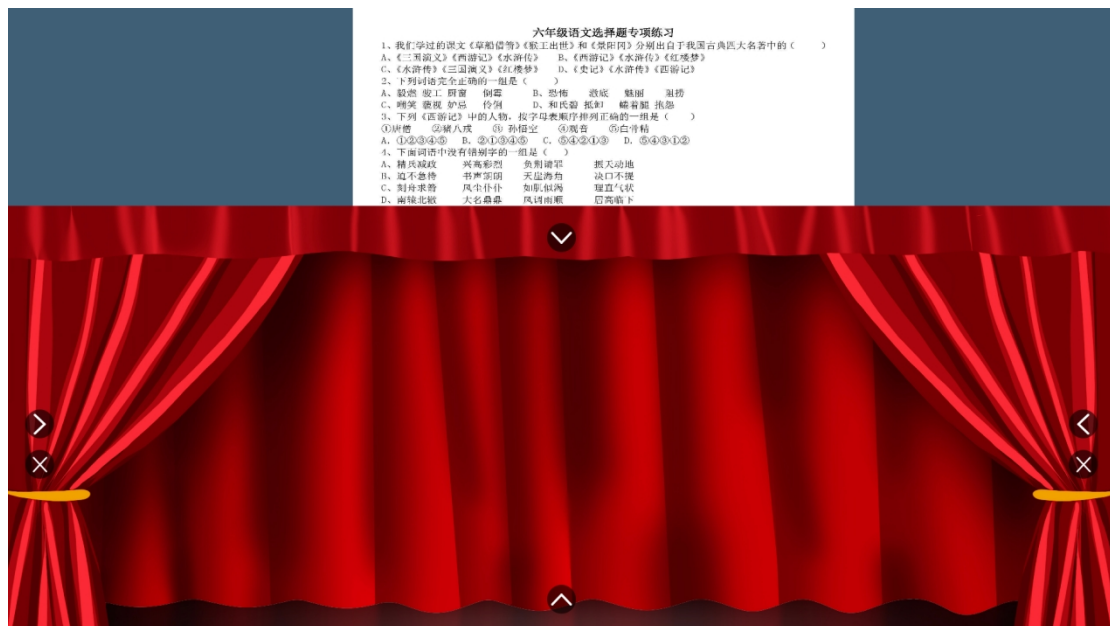
## 2.2.1.1.9.6 Mind Map

You can insert and edit three types of mind maps



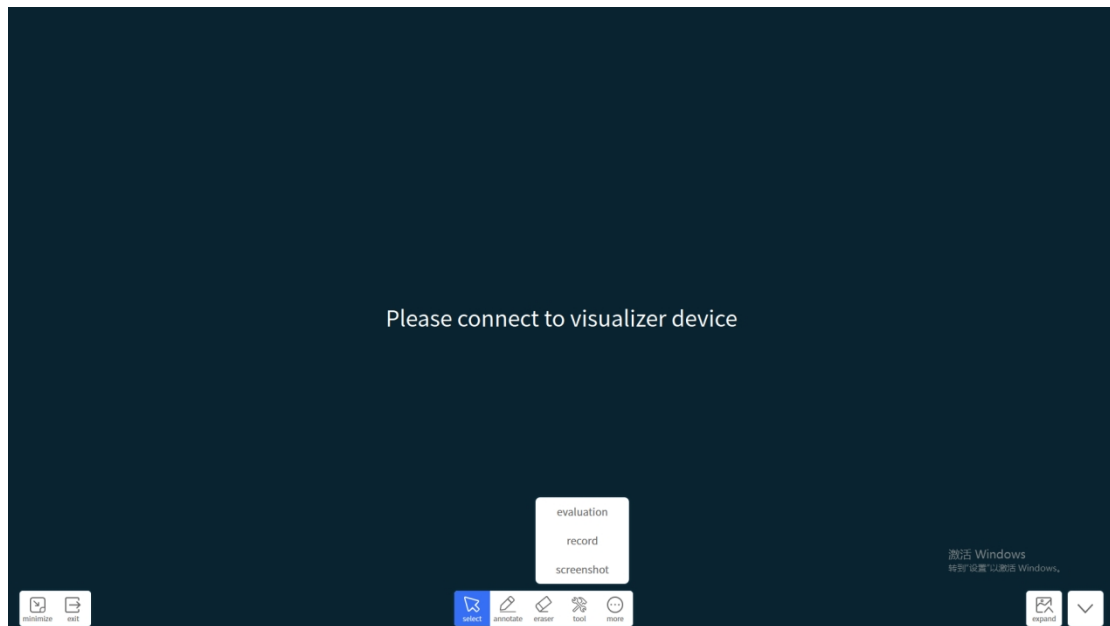
### 2.2.1.1.9.7 Curtain

You can insert a curtain tool to block screen content



### 2.2.1.1.9.8 Booth

Click to open the booth software



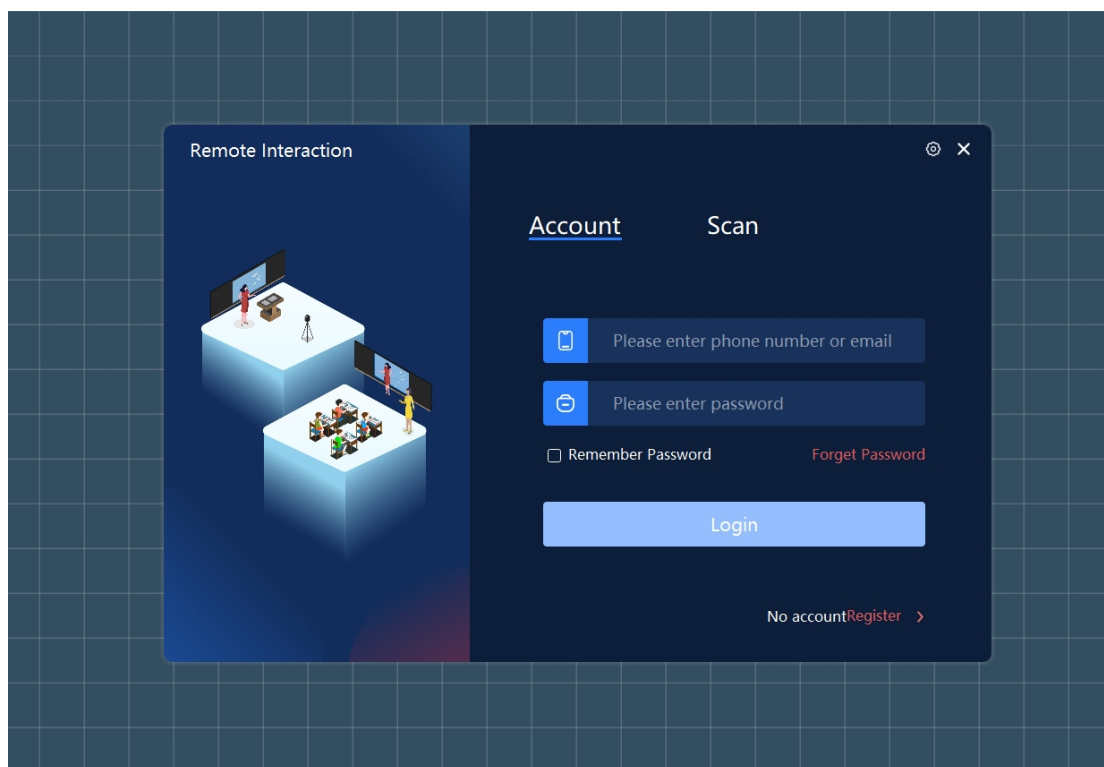
## 2.2.1.1.9.9 Screen Mirroring

Click to open the screen sharing window



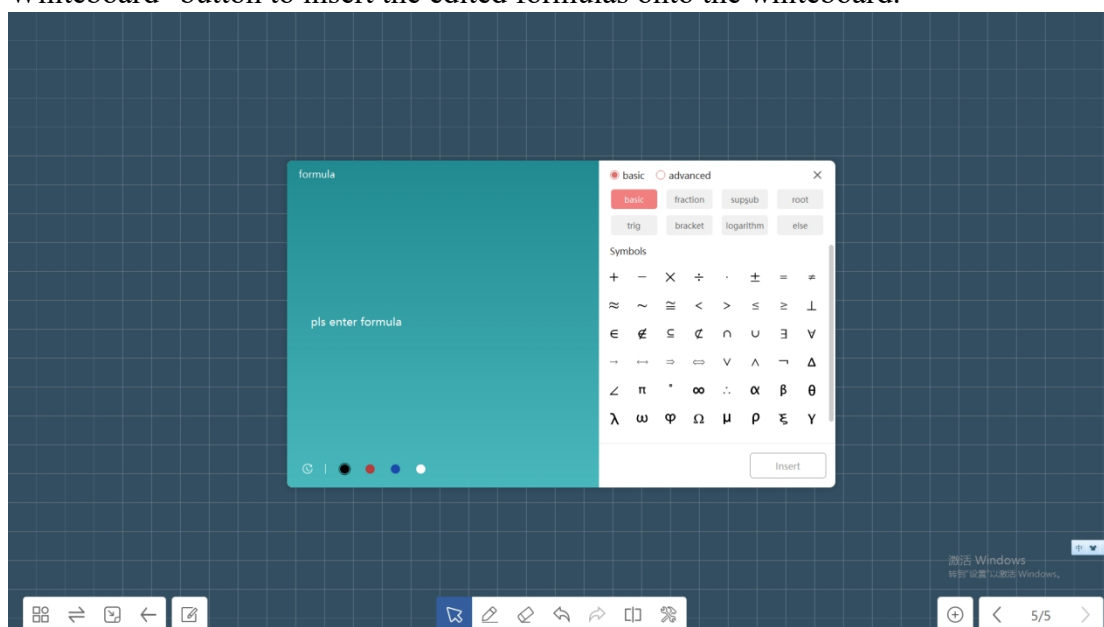
## 2.2.1.1.9.10 Remote Interaction

Click to open the remote interaction window



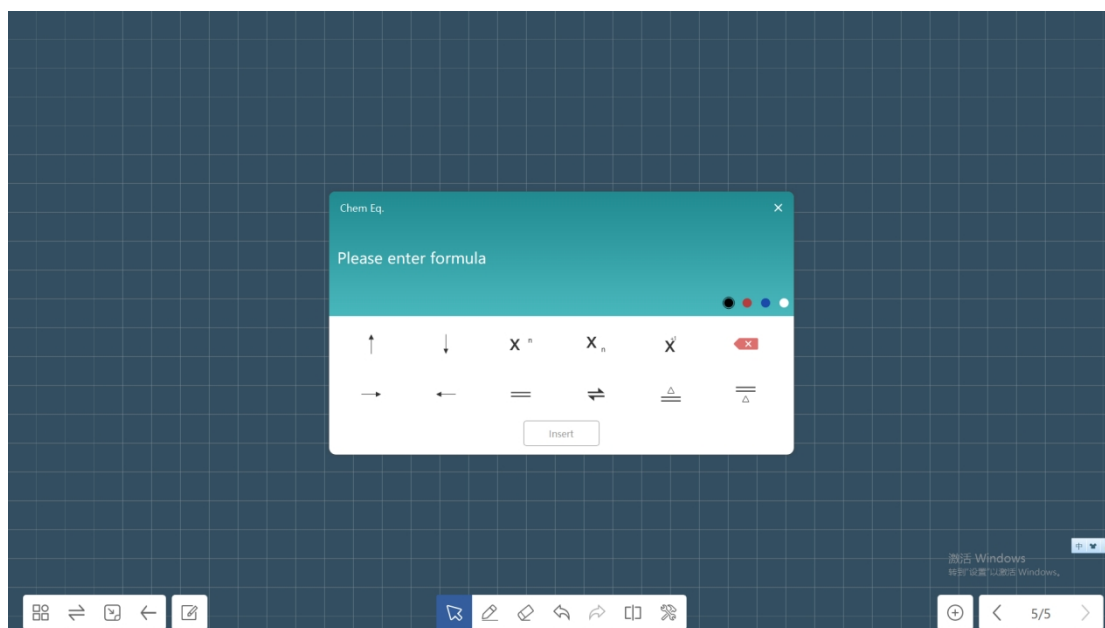
## 2.2.1.1.9.11 Mathematical Formulas

Edit formulas: Click to select templates or symbols from the toolbar in the mathematical formula editing interface to edit formulas. Click the "Insert on Whiteboard" button to insert the edited formulas onto the whiteboard.



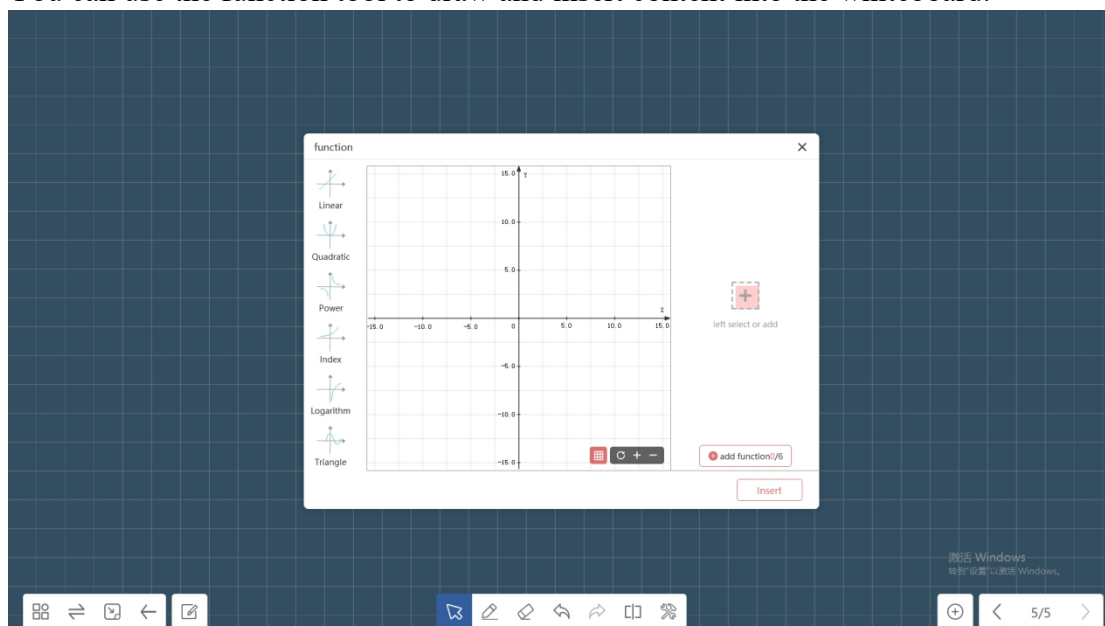
## 2.2.1.1.9.12 Chemical equations

Supports editing chemical equations and inserting content into the whiteboard



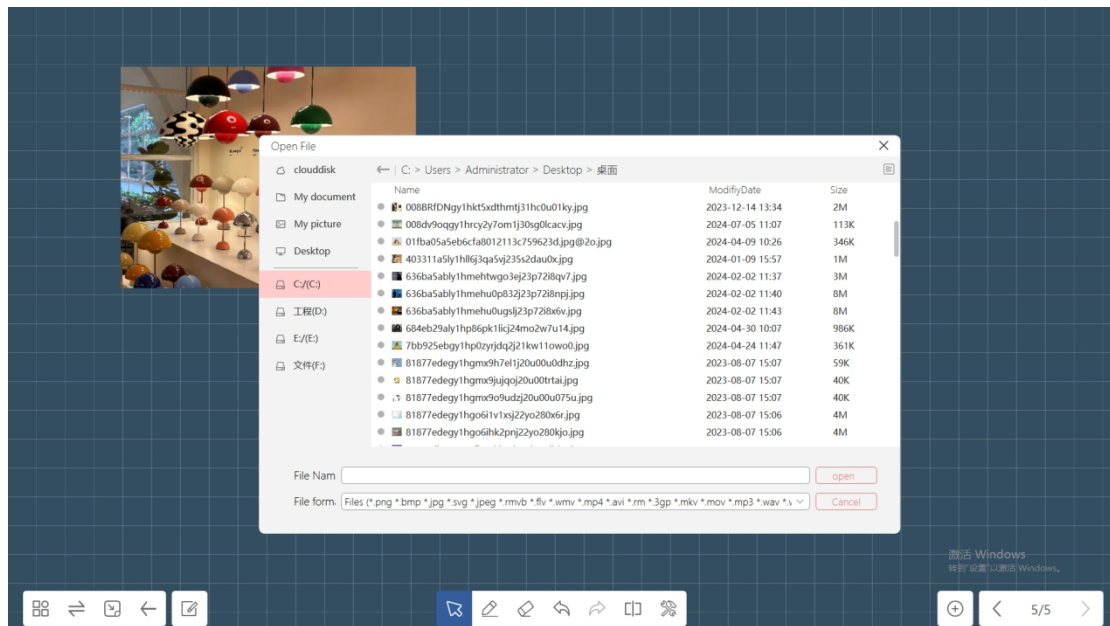
## 2.2.1.1.9.13 Functions

You can use the function tool to draw and insert content into the whiteboard.



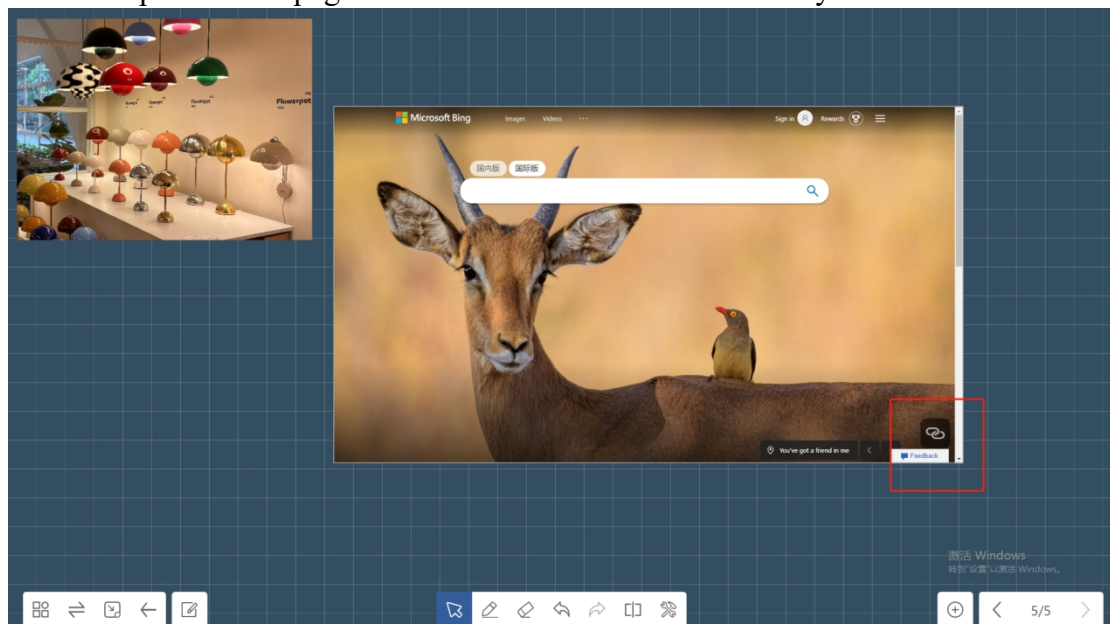
## 2.2.1.1.9.14 Insert Material

Select multimedia files to insert into the whiteboard



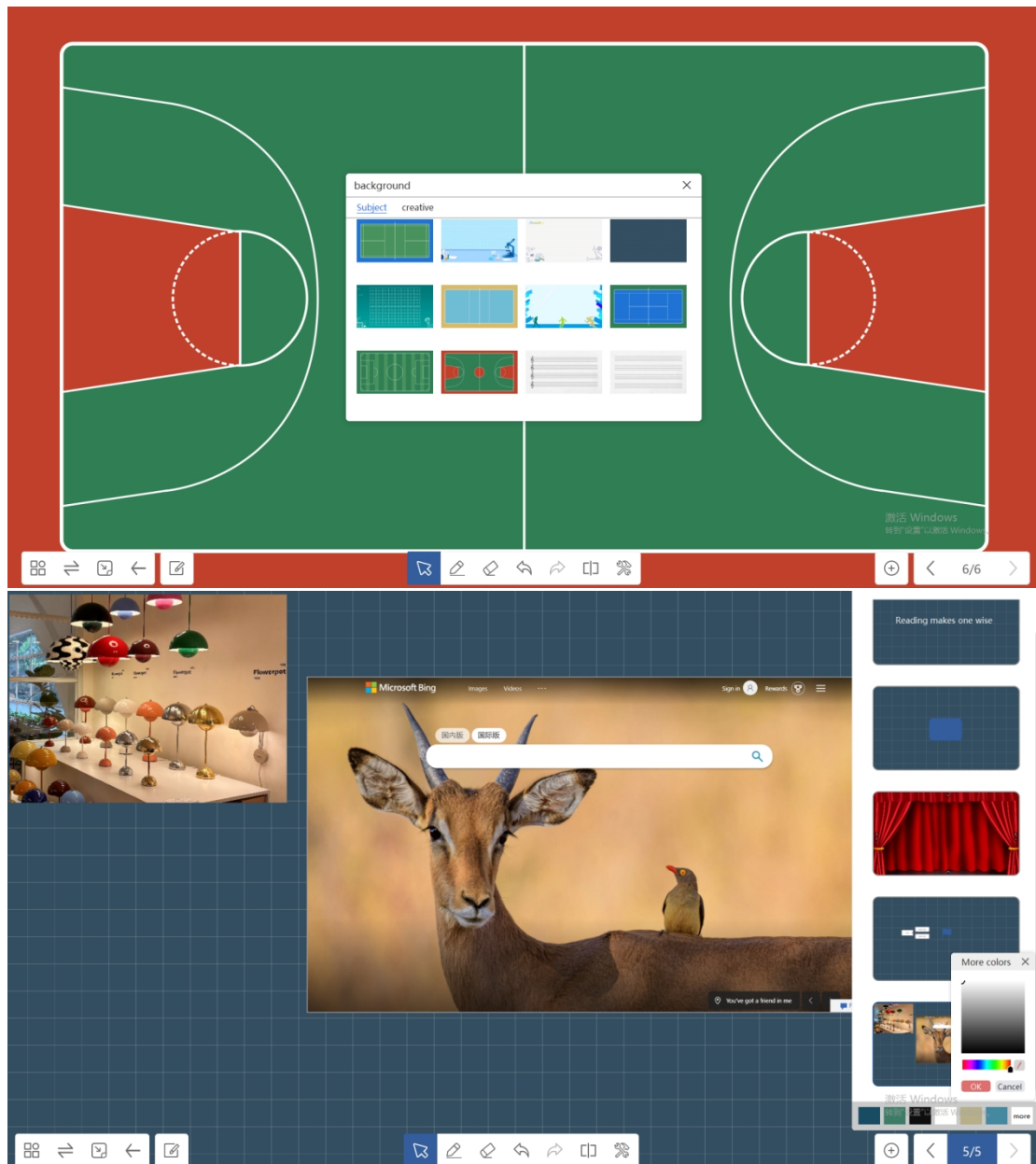
## 2.2.1.1.9.15 Webpage

You can open the webpage to search and insert content instantly



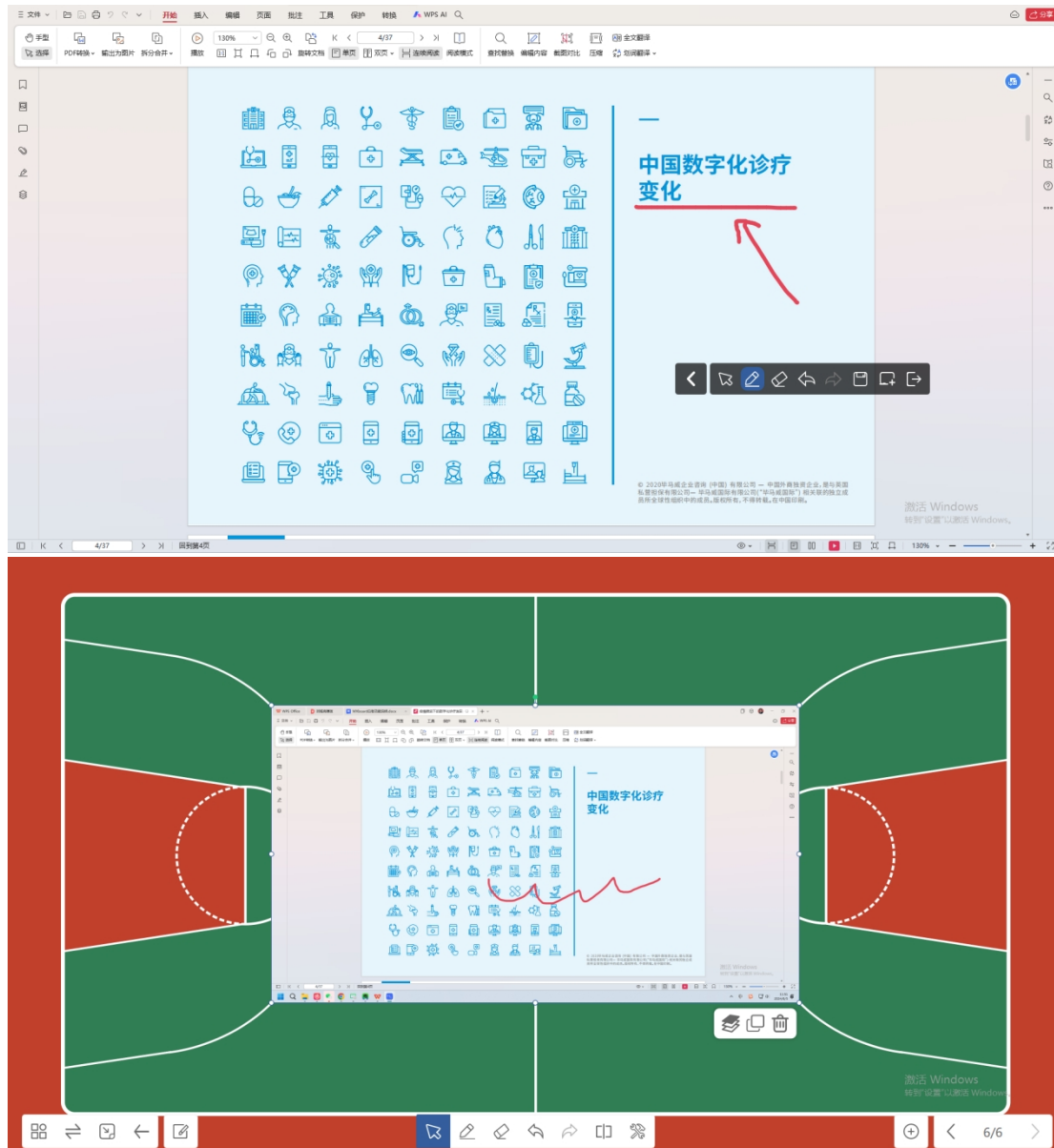
## 2.2.1.1.9.16 Background replacement

Supports switching any background color and preset styles



## 2.2.1.1.9.17 Annotation

Support annotation tools to add comments in the whiteboard or on desktop files. Comments can be saved or inserted with one click into the whiteboard.



## 2.3 Memory Blackboard

### 2.3.1 Capacitor Version

Hardware buttons:



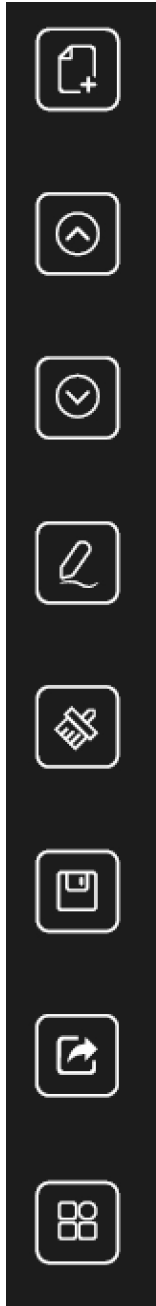
Start: Click to enable memory blackboard recognition. Once enabled, content written on the side screens will automatically sync to the whiteboard page on the main screen. If the whiteboard is not activated, click the hardware start button to automatically open the whiteboard and enter the teaching interface. Click again to disable recognition.

Pen color: Click to switch colors. Click to switch to other supported pen colors.

Custom: Click to open the settings window by default. You can switch to other functions in the whiteboard settings.

### 2.3.2 Eight-key version (Infrared + Capacitive)

Hardware buttons:



New: Create a new page on the electronic screen

Previous page: Click to go back; No previous page Clicking has no effect

Next page: Click to scroll down; no next page Click will have no effect

Pen color: Click to switch the pen color. The default color is red. Click once to switch to blue, and click again to switch to a custom third color.

Clear Screen: Click to clear screen content

Save: Supports saving courseware in image or PDF format. The source file does not contain handwriting.

Share: Click to share and the QR code will appear. Scan the code to share your content.

More: Click to open a pop-up. Click anywhere or on any feature to close the pop-up.

Screenshot: Click to capture the current image. Supports full-screen or area screenshots.

Split screen: Click to display a centered split screen line with left-right split styles

Left/Right switch: Click to switch the current writing content left or right. Click again to switch left or right.

## 2.3.3 Infrared Version (Push-Pull Plate)

Hardware buttons:



Delete: Click to remove page content

Save: Click to save page content

Switch: Click to toggle between left and right positions on the electronic screen

Previous page: Click to go back

Next page: Click to go to the next page

Red: Click to change the pen color to red on the electronic screen

Blue: Click to change the digital screen's pen color to blue

Black: Clicking changes the electronic screen's pen color to black



Key points: Click to enable the magnifying glass feature, which allows you to highlight key content for explanation.