

# Rain Classroom Manual



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**Part 5** Assign homework with Rain Classroom

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# Part 1

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**What Is Rain Classroom?**

# Tsinghua University teachers' scientific research achievements



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Department of Electrical  
Engineering



**Prof. Li Manli**  
Institute of Education



**Prof. Zhu Guiping**  
Department of Electrical  
Engineering



**Prof. Liu Zhen**  
School of Marxism



**Prof. Ma Yuchun**  
Department of Computer  
Science and Technology



**Asst Director Wang Shuaiguo**  
Online Education Office



我录的声音  
my own voice recordings



- Rain classroom is a new type of smart toolbox for teaching, jointly developed by Tsinghua University and XuetangX.
- It has been specially designed to be used in a blended learning model.



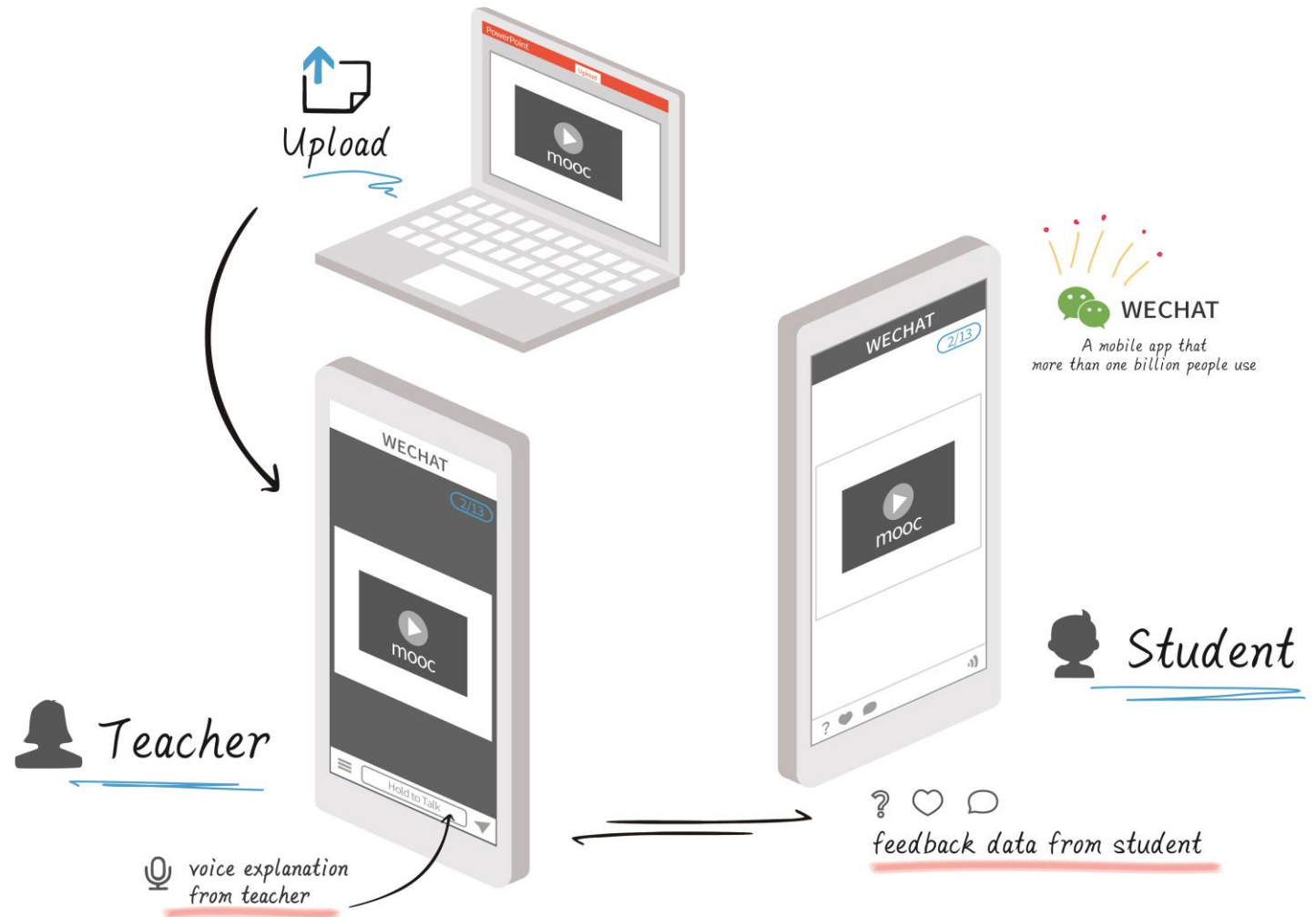
# In Class

- Sync slides to students' phones;
- Feedback unclear idea to teacher anonymously
- Quiz response in limited time with red packet;
- Post & live commenting;

encourage students to participate in discussion  
help your class more interesting

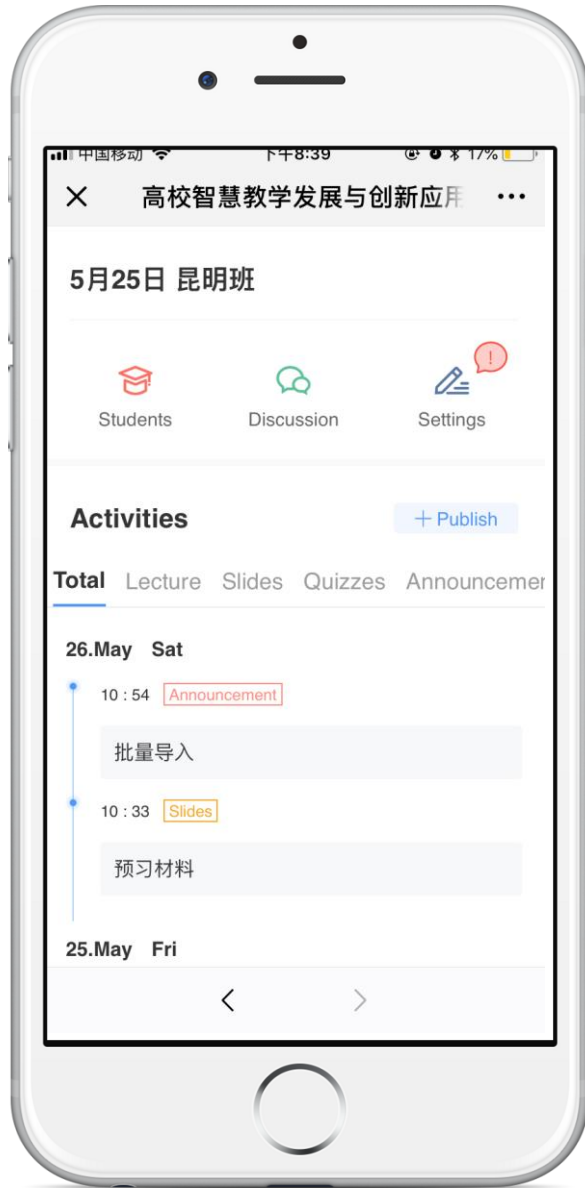
# Before Class

- Make and push teaching materials to students' WeChat
- Check student's learning progress.





Rain Classroom provides a real-time and personalized analysis of students' class performance



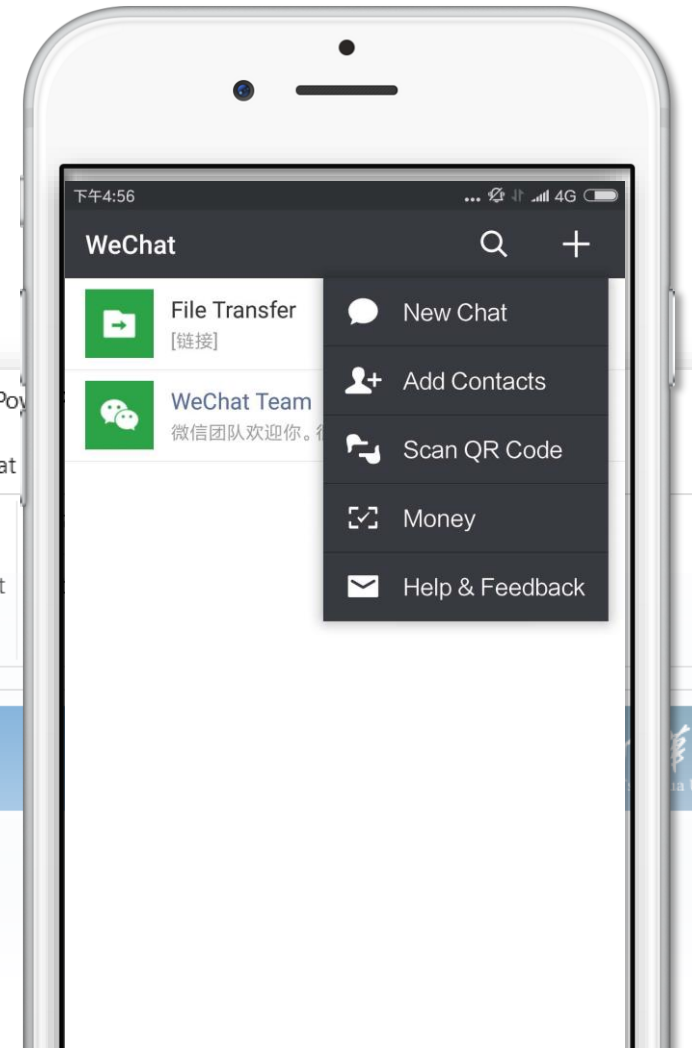
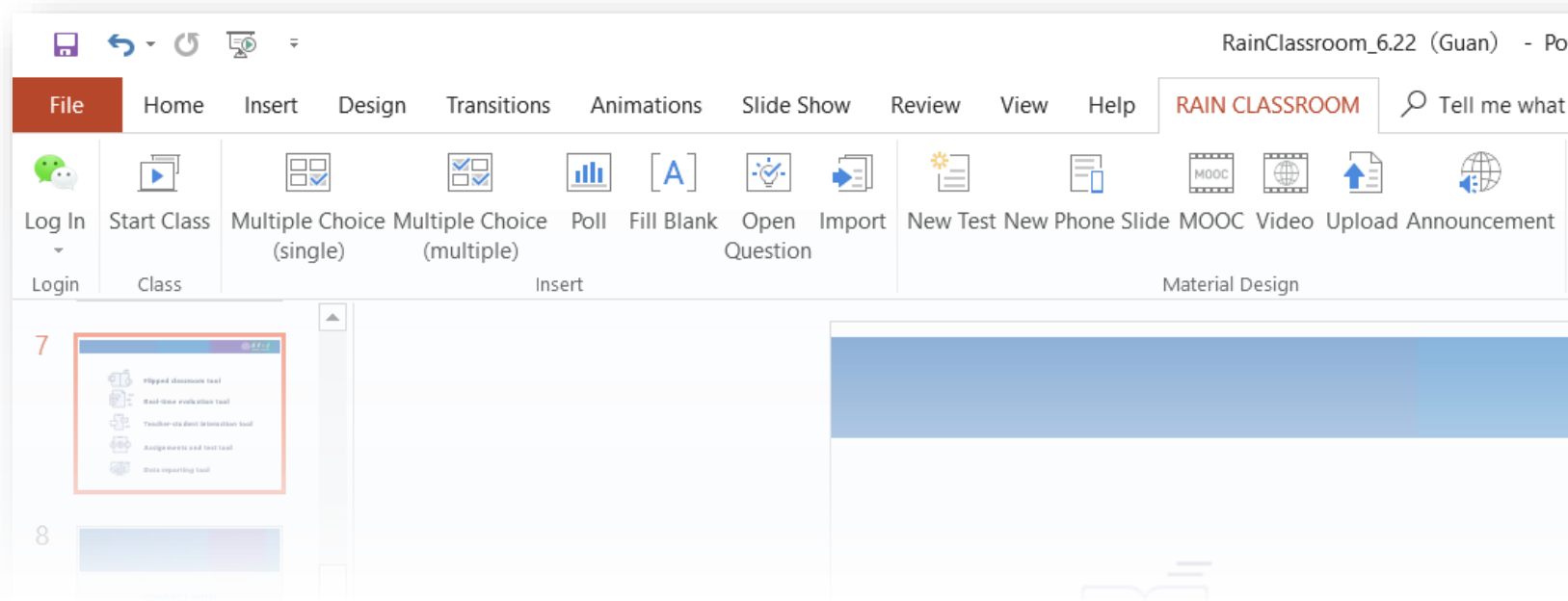
This collage displays various analytics and content screens from the Rain Classroom app. The 'Active Students' screen features a gauge showing 50 students 'In Class' out of a total of 71. The 'Answer Details' screen shows a list of questions with progress bars for accuracy and answer rates. The 'Student Data' screen highlights a 'Brilliant Student' with three profile icons. The 'Slides Details' screen shows 0 'Unclear' pages and 86 total slides. The 'Teaching Content' screen displays a slide titled '思政课教育创新教学模式实践' with 86 total slides. Other elements include 'Danmu' (26) and 'Posts' (3) counts, and a tip to download Excel data from Rain Classroom Web at ykt.io/web.



# Rain Classroom Pro

Focus from One Classroom  
to the Whole Campus

Very easy to use  
only need  
PowerPoint and WeChat



# Part 2

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## Prepare Work

- Get to know Rain Classroom
- How to Download Rain Classroom?
- How to Install Rain Classroom?

## FOR TEACHERS

- Computer: WindowsXP SP3、 Windows7 or more advanced versions
- PowerPoint : Office2010 or more advanced versions
- Smart phone: networking and **WeChat**
- Download and install Rain Classroom



Use WeChat to scan  
the QR code

Follow Rain Classroom  
Official Accounts

## FOR STUDENTS

- Smart phone only: networking and WeChat

### What is WeChat?

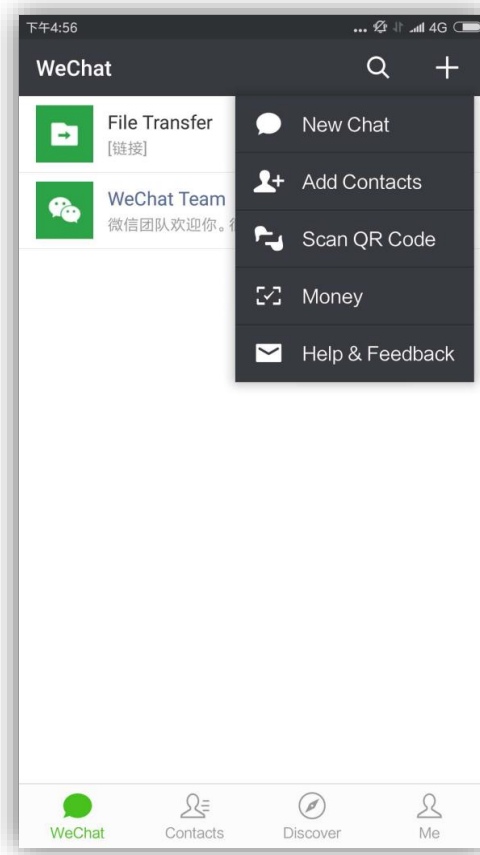


- It is a free app.
- It is a quite popular free communicate tool in China.
- No matter the Chinese or foreigners, could use your phone number to register.
- Download WeChat from any app store

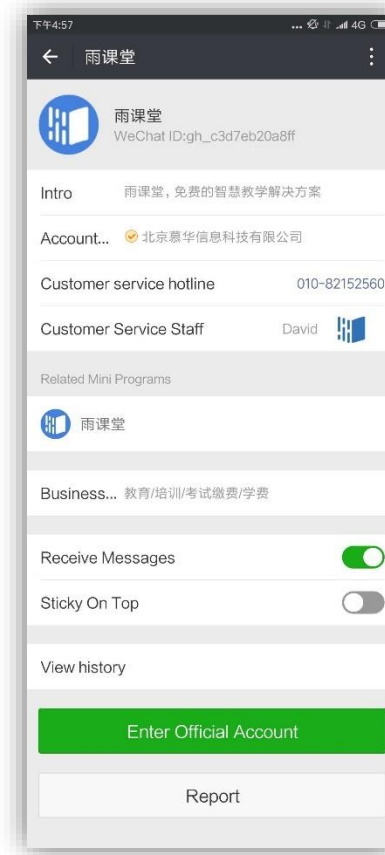
# Follow Rain Classroom Official Accounts



Use WeChat to scan the QR code



- (1) Click [+] in the top right corner
- (2) Click 'Scan QR Code'



- (3) Click the green icon to follow RC Official Accounts



- (4) Enter RC Homepage

RC , is short for Rain Classroom

# Tips:

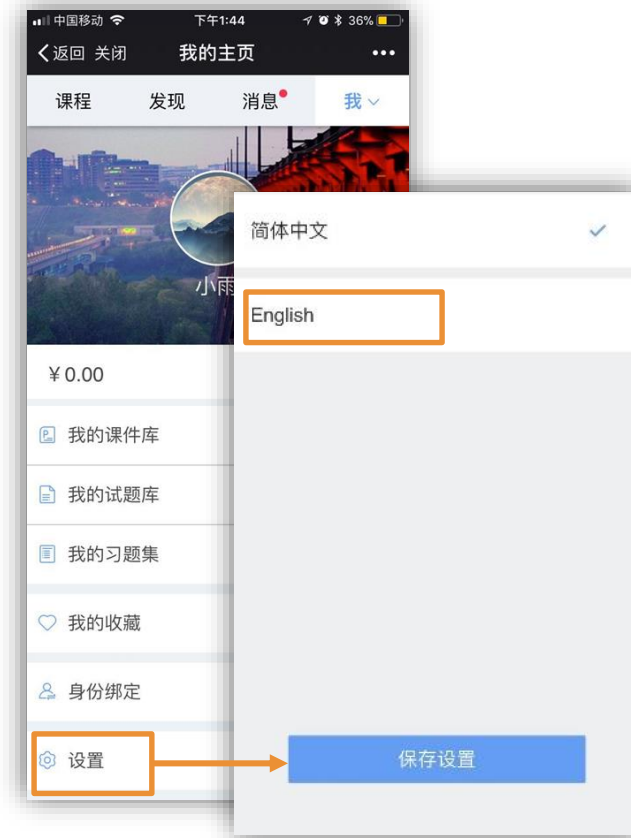
If you use WeChat for the first time, the operating language is English, then the rain classroom defaults to the English interface. If not, you can manually switch languages as follows:



- (1) Click 'Me' on the bottom of the page.
- (2) Click 'Courses'



- (3) Click '我' in the top right corner
- (4) Click '我的主页'



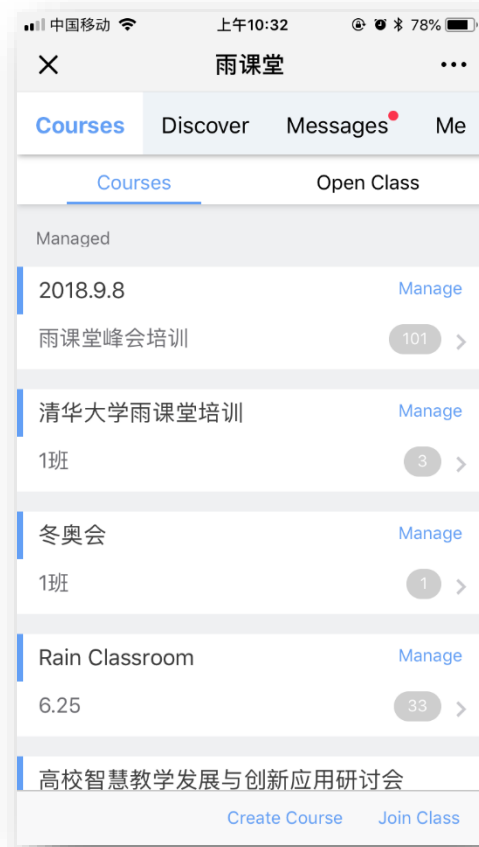
- (5) Click '设置' on the bottom of the page.
- (6) Click 'English' and save your setting.

# Get to know Rain Classroom



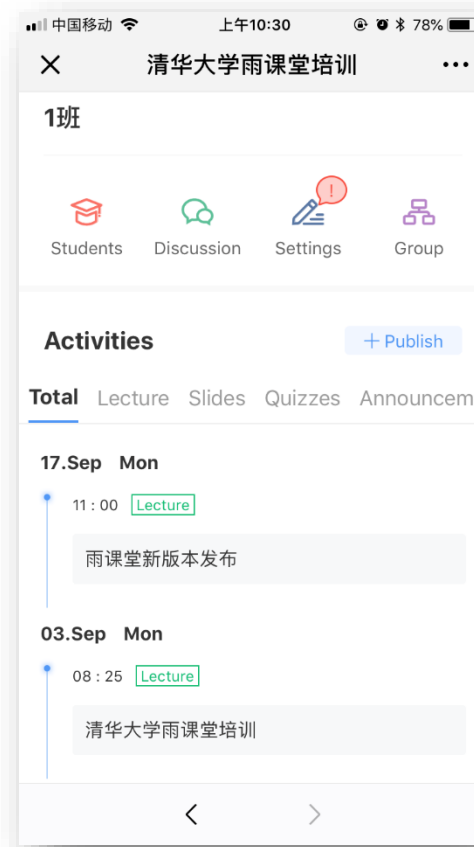
## Homepage

Receive all kinds of notices and messages from RC.



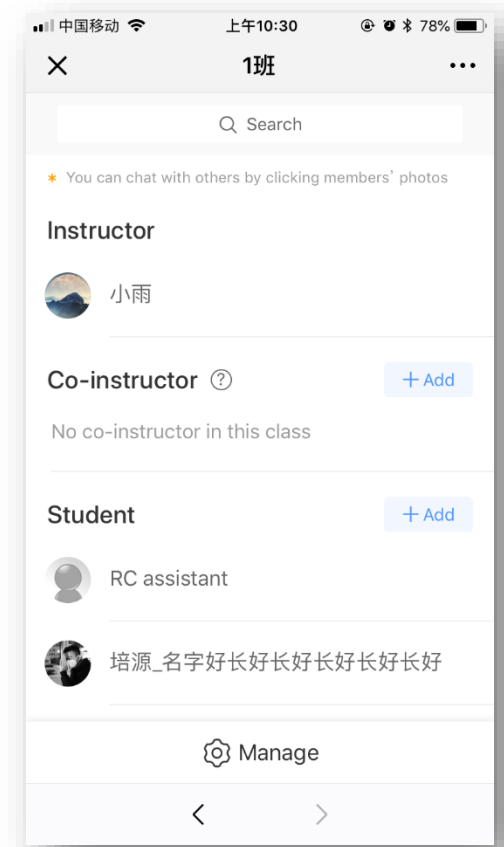
## Course Catalogue

Teachers click 'Create Courses' to create a new courses.



## Activities Catalogue

All teaching activities in this class accumulate in this page.



## Student List

In this page ,teachers could invite students, set co-instructors or manage students.



# How to Download Rain Classroom?

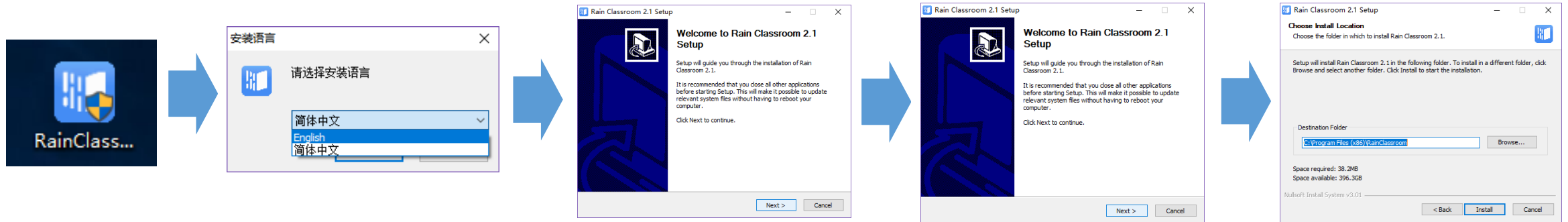
Open a web browser by computer and download the software from

<http://ykt.io/download>



Click here to download the full install pack to your computer

# How to Install Rain Classroom?



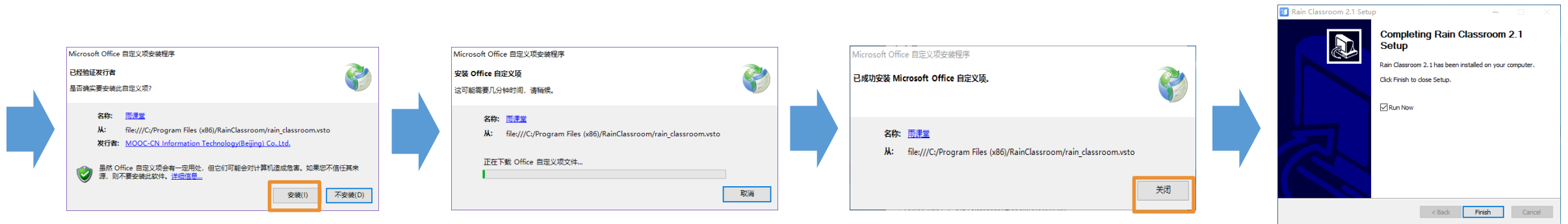
(1) Click the file you've just download to install.

(2) Choose English, click 'OK'

(3) Click 'Next'

(4) Click 'I Agree'

(5) Click 'Install'



(6) If appear this pop-up , Click '安装'

(7) Wait a few minutes

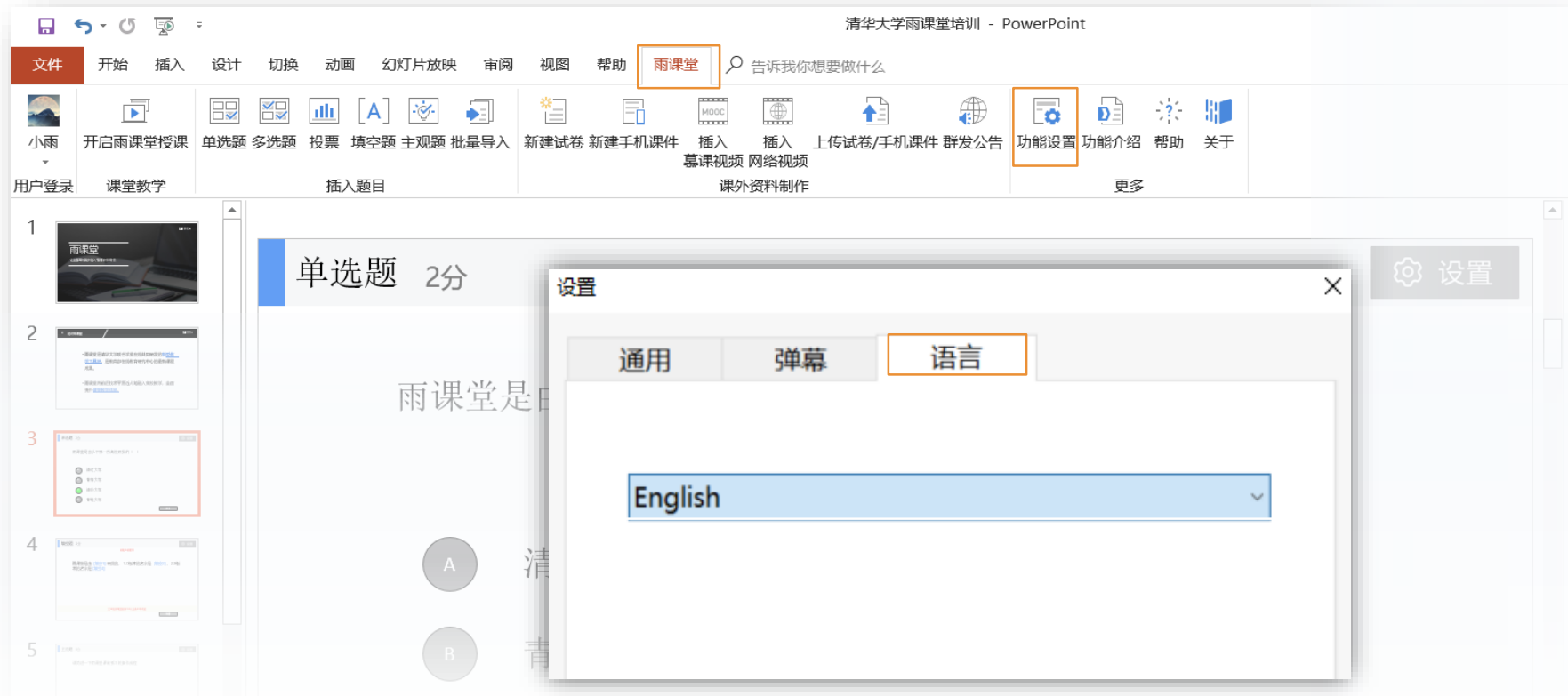
(8) Click '关闭'

(9) Click 'Finish'

# How to Install Rain Classroom?

(10) Open any PowerPoint, if [雨课堂] appears in your PPT toolbar, it means you have installed RC successfully!

**Tips:** If your PPT operating language is English, then the rain classroom defaults to the English interface. If not, you can manually switch languages as follows:



## How to transform RC into English ?

- (1) find[雨课堂]
- (2) find[功能设置]
- (3) choose[语言]
- (4) choose[English]

# Part 3

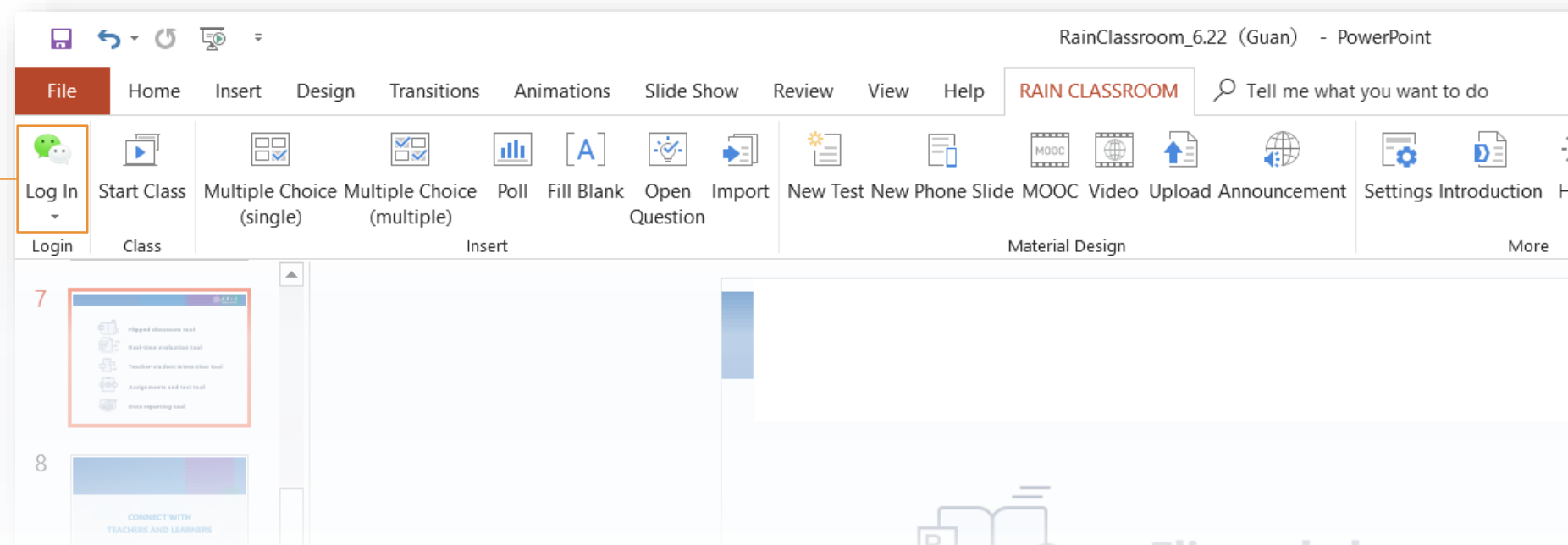
## Teach with Rain Classroom

- How to Login Rain Classroom?
- How to Insert Questions ?
- Send Questions/Check Unclear Pages/Danmu and Post
- End Class and Check Teaching Data

# How to Login Rain Classroom?

Login Rain Classroom on your PC :

- Start PowerPoint.
- Scan the WeChat logo in top left corner of the PPT file.
- To log in, input the 4-digit code that your mobile received
- WeChat logo changes to your profile
- you're in charge!

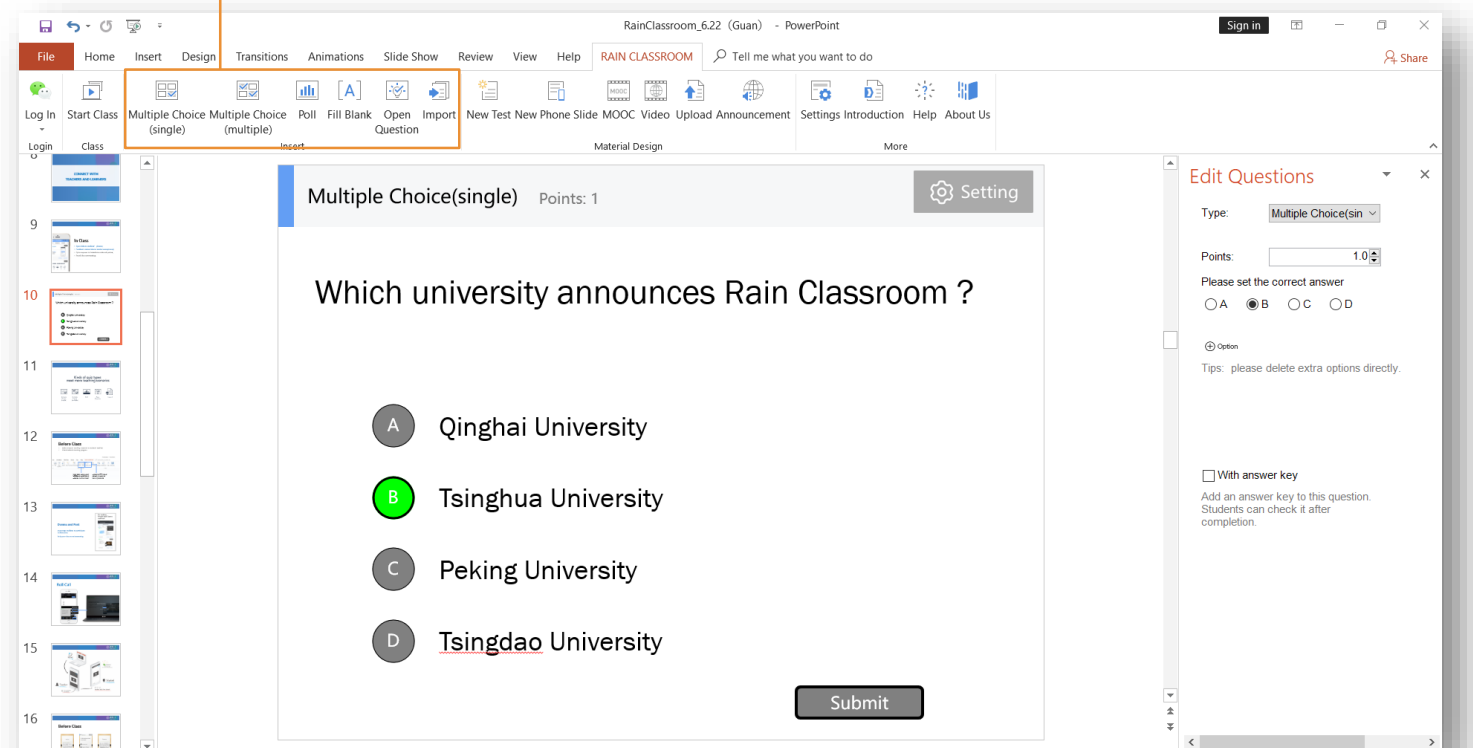
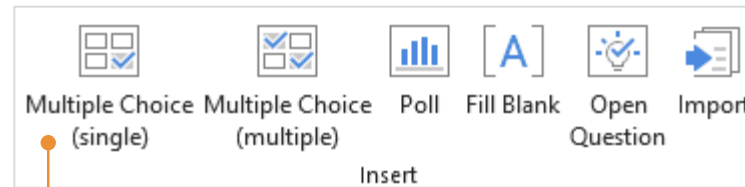


# How to Insert Questions ?

To insert questions into your PPT slides

E.g. To create **single-choice** questions

- Click on the 'Single-choice questions' icon
- Follow the template (question goes to the top, options down below).
- In the side panel (on the right), pre-pick the correct answer.



# How to Insert Questions ?

E.g. To create **open question**

- Click on the 'Open-ended questions' icon;
- Type your question in the text box.

The screenshot displays the 'Insert' menu of a presentation software. The 'Open Question' option is highlighted with an orange box. Below the menu, a slide titled 'Open Question' is shown with the text 'In your opinion, what is smart teaching?'. The slide has a points value of 10.0 and a 'Setting' button. A yellow banner at the bottom of the slide reads 'Open Question is only supported on Version 2.0 or newer.' and there is an 'Answer' button at the bottom right.

**Insert**

- Multiple Choice (single)
- Multiple Choice (multiple)
- Poll
- Fill Blank
- Open Question
- Import

**Open Question** Points: 10

In your opinion, what is smart teaching?

Open Question is only supported on Version 2.0 or newer.

Answer

**Edit Questions**

Points: 10.0

**Question Setting:**

Students can submit text and pictures in open questions. Click the following option if you allow students to upload audio.

- Allow student to upload audio  
Unable to upload audio in class
- With answer key  
Add an answer key to this question. Students can check it after completion.

# How to Insert Questions ?

## New Question Type Is Coming!



[A]  
Fill Blank

The screenshot shows the Microsoft PowerPoint interface with the 'RAIN CLASSROOM' ribbon selected. The 'Fill Blank' icon, represented by a blue 'A' in a square, is highlighted in the ribbon. Below the ribbon, a slide titled 'Fill the blank(s) Points: 2' is displayed. The slide content reads: 'The name of the Rain Classroom 2.0 version is [Blank 1]'. A 'Setting' button is visible in the top right corner of the slide area. To the right of the slide, the 'Edit Questions' panel is open, showing the following details:

- There are 1 blanks, total score 2
- Random order
- [Blank 1]
- Score 2.0
- Fuzzy matching  Case sensitvie
- Answer1 Qiudao
- Answer2 Saury
- With answer key
- Add an answer key to this question. Students can check it after completion.

At the bottom of the slide, a yellow banner states: 'Spot Dictation is only supported on Version 3.0 or newer.' Below this banner is an 'Answer' button.



# How to Teach with Rain Classroom?

(1) Click on the icon 'Start Class' to teach with Rain Classroom'

(2) Fill in the class information (course title, section, unit title).

(3) Click on the button 'Start Class' at the bottom to make sure start now!

RainClassroom\_6.22 (Guan) - PowerPoint

File Home Insert Design Transitions Animations Slide Show Review View Help RAIN CLASSROOM Tell me what you want to do

Start Class Multiple Choice (single) Multiple Choice (multiple) Poll Fill Blank Open Question Import New Test New Phone Slide MOOC Video Upload Announcement Settings Introduction Help

Class

6

7

8

9

10

雨课堂

CONNECT WITH TEACHERS AND LEARNERS

In Class

Play slides

Start Class

Select course and class

Course Rain classroom

Class 1

Title 雨课堂新版本发布

# How to Teach with Rain Classroom?



(4) A QR code appears on the screen. Class password appears at the bottom.



(6) To start teaching, you can either click on the arrow in the circle (on the right), or press 'Start teaching' on your mobile device.



(5) Students scan the QR code by WeChat to join the class.

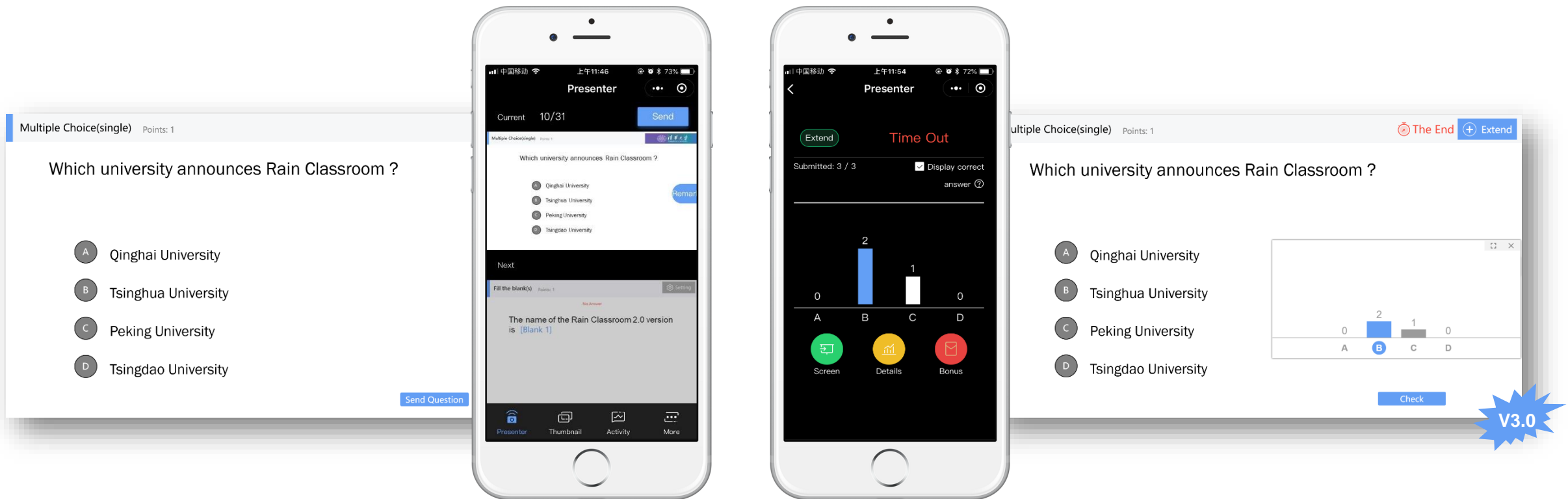
# How to Teach with Rain Classroom?

## Send Questions

(1) When turn to the exercise pages, the teacher's mobile phone appears the icon [Send].

(2) Click it to send the page directly or in limited-time.

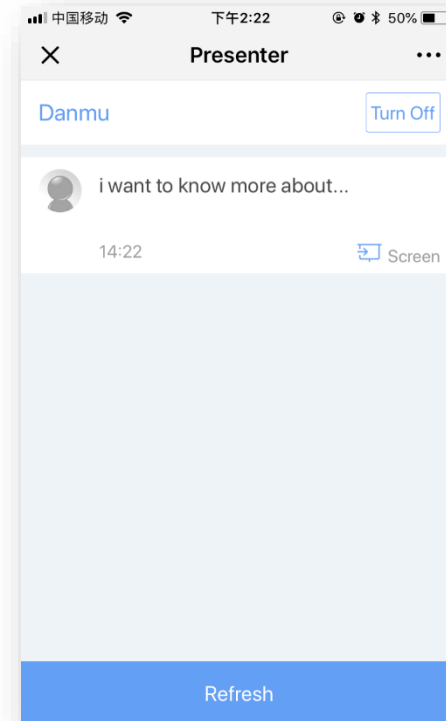
(3) After sending the problems, the mobile phone terminal appears the students' answer in time.



# How to Teach with Rain Classroom?

**Activities**

Sign in,  
Hand out quiz,  
Turn on/off Danmu,  
Check Post  
Grouping



## Danmu

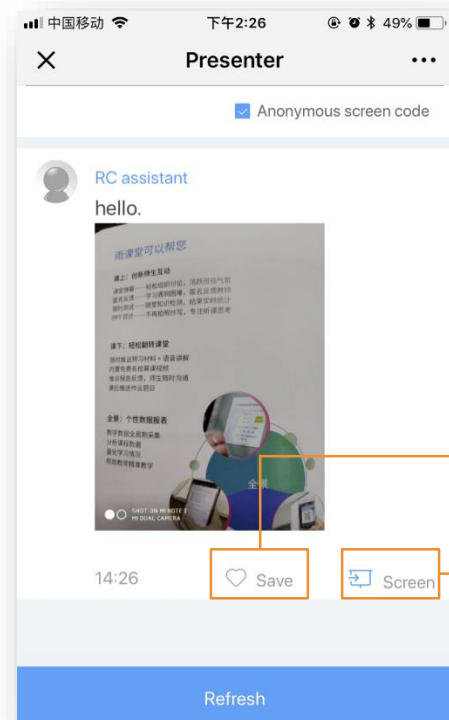
- (1) Click [Danmu]
- (2) Click the icon in the top right corner to turn on
- (3) Click the icon [Screen] , project to the screen
- (4) Touch [Refresh] to check more Danmu

# How to Teach with Rain Classroom?

## Show Post in the Class



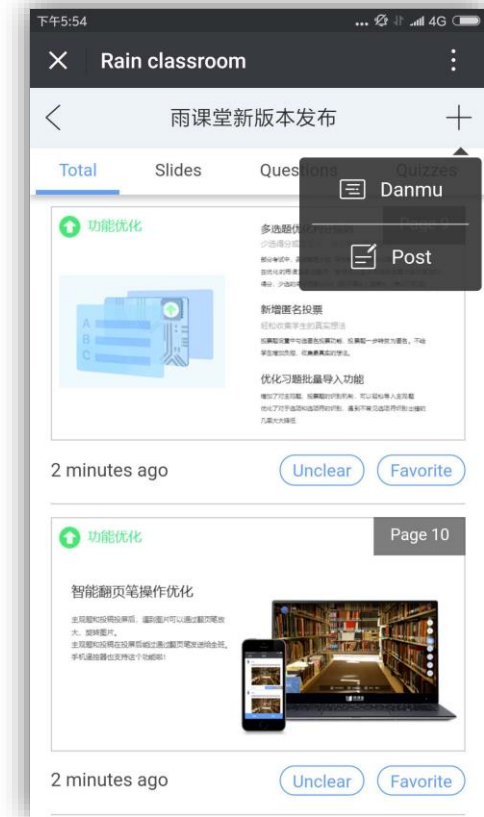
PS: Students can send post to teachers anytime during the class, then teachers can choose which one to project .



Save the picture

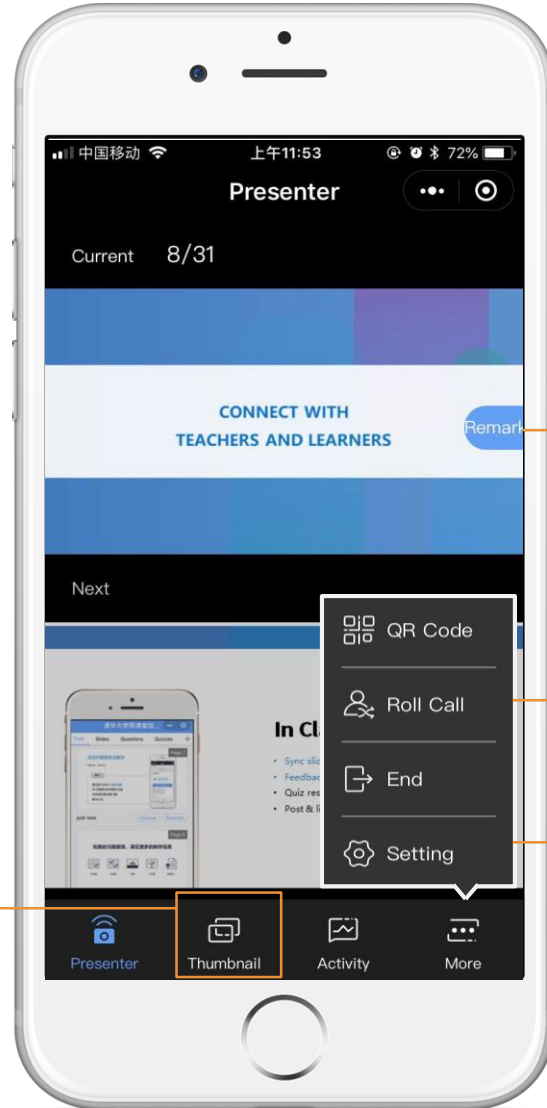
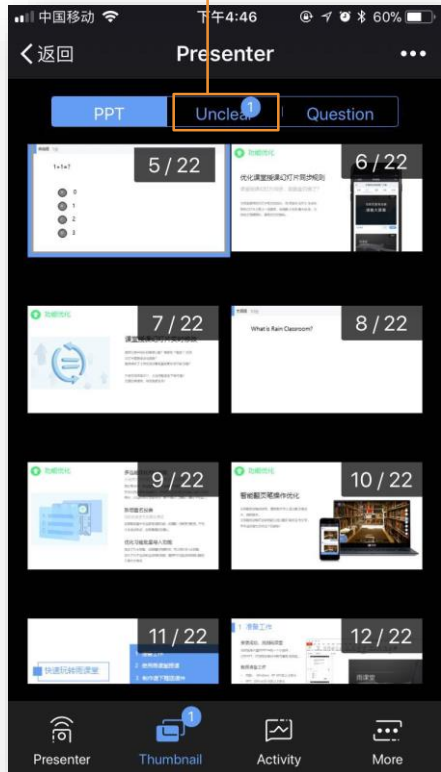
Project to the screen

## For student: how to send Danmu and Post?



# How to Teach with Rain Classroom?

## Check Unclear Pages



## Check Remark

Remark:

During the class, teachers can sync slides to students' phones, just like what you see. Students don't have to be busy photographing teachers' courseware or taking notes. They have more time to think. And if you don't understand or you hope me explain more about the slide, you can click the button "unclear", and I will receive your feedback. You can have a try, and the feedback is anonymous. 9

V3.0

## Roll Call

## Setting

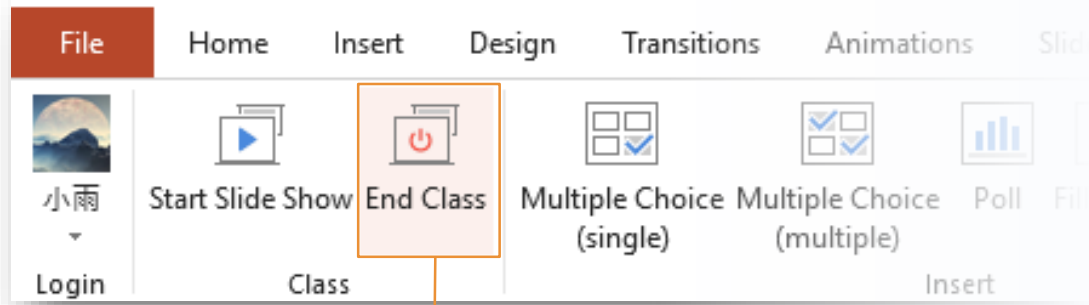
Visible to Students Taught Slides ⇄

Anonymous screen code

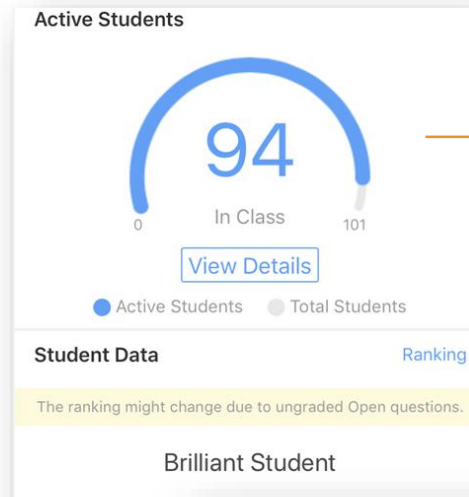
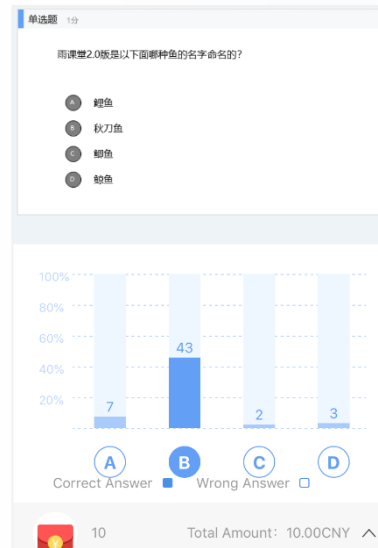
Display correct answer



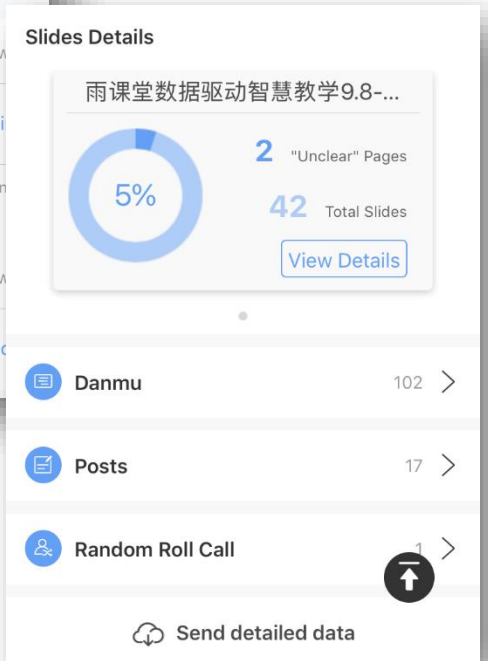
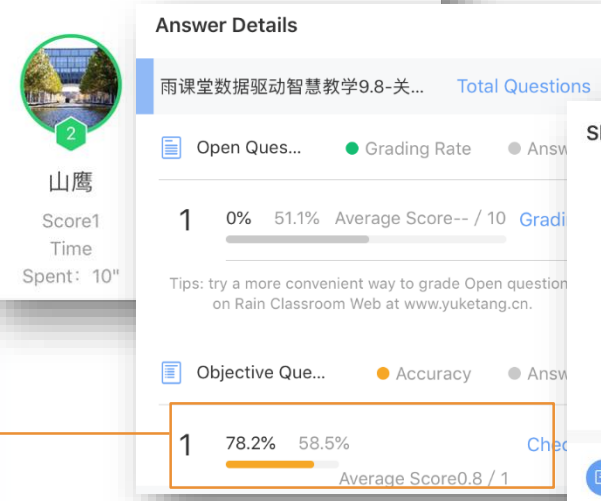
# End Class and Check Teaching Data



Teachers can end class in the computer or mobile phone.



Teachers can check teaching data in the mobile phone.



# Part 4

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## Preview with Rain Classroom

- How to Make the Pre-courseware
- Send Courseware to Students
- Check Teaching Data in the Mobile Device



# How to Make the Pre-courseware

(2) To insert questions in your PPT slides

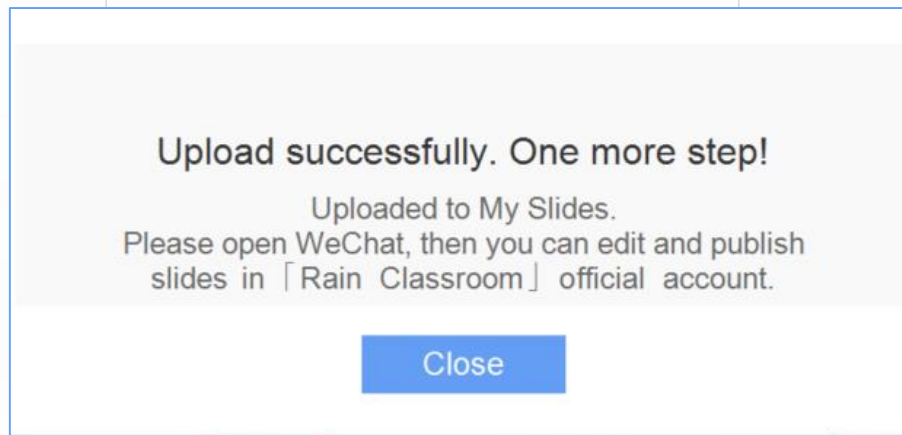
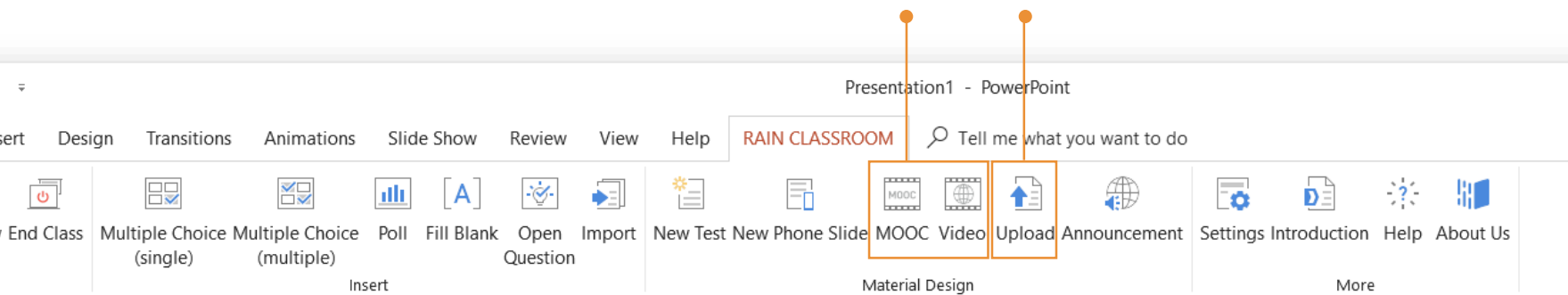
(1) Create a new phone slide (Vertical slides are easy for students to read on their mobile phones)

The screenshot displays the Microsoft PowerPoint interface with the 'RAIN CLASSROOM' ribbon selected. The ribbon contains several groups of icons: 'Insert' (Multiple Choice (single), Multiple Choice (multiple), Poll, Fill Blank, Open Question, Import), 'Material Design' (New Phone Slide, MOOC, Video, Upload, Announcement), and 'More' (Settings, Introduction, Help, About Us). The 'New Phone Slide' icon is highlighted with an orange box and an arrow pointing to the text '(1) Create a new phone slide...'. The 'Multiple Choice (single)' icon is also highlighted with an orange box and an arrow pointing to the text '(2) To insert questions in your PPT slides...'. The main slide area shows a 'Multiple Choice(single)' question slide with the text '1+1=?' and four options: A 1, B 2, C 3, and D 4. A 'Remark' box on the slide contains the text 'Dear students: You can find the answer in P19, and as below:' and the 'Rain Classroom' logo. A blue starburst graphic with 'V3.0' is also present. A text box at the bottom of the slide states: 'Text/Image/Formulas are allowed and all the content should be placed in this area'. On the right side, the 'Edit Questions' panel is open, showing the question type set to 'Multiple Choice(single)', points set to 1.0, and options A, B, C, and D. A checkbox labeled 'With answer key' is checked, and a 'Check' button is visible. A text box at the bottom of the panel reads: 'Add an answer key to this question. Students can check it after completion.'

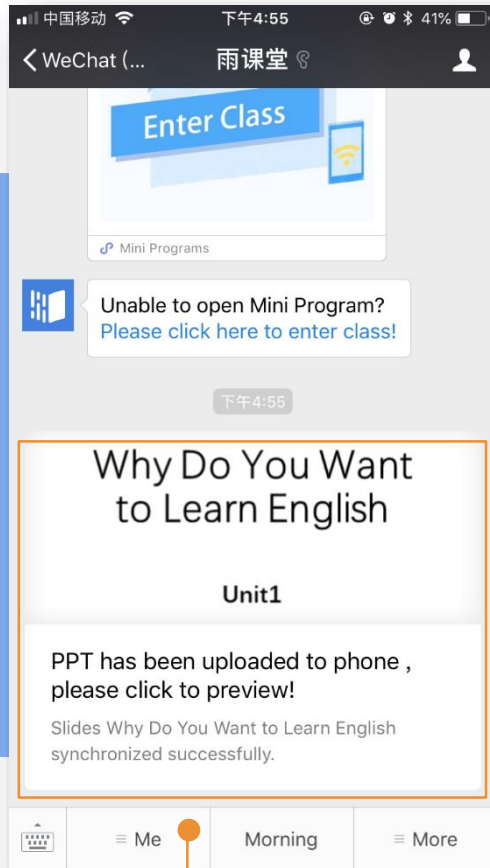
# How to Make the Pre-courseware

(3) To insert MOOC or videos in your PPT slides

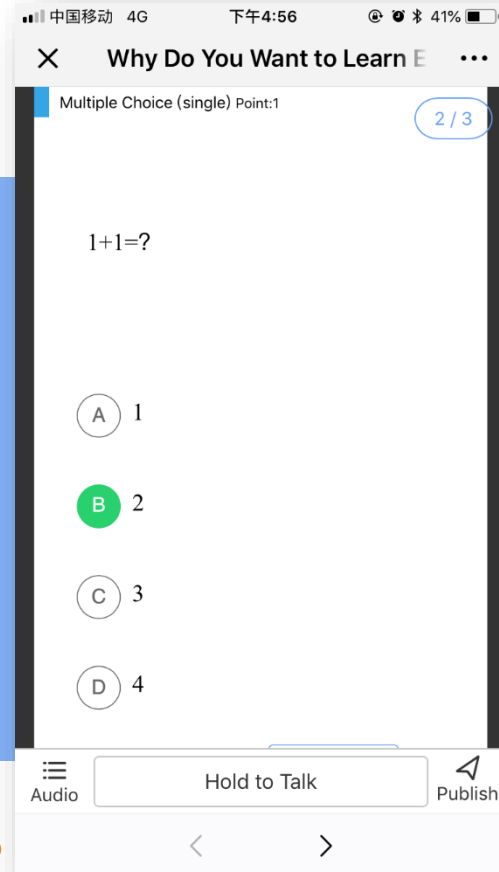
(4) Synchronize your slides with RC for your mobile phone



# Send Courseware to Students

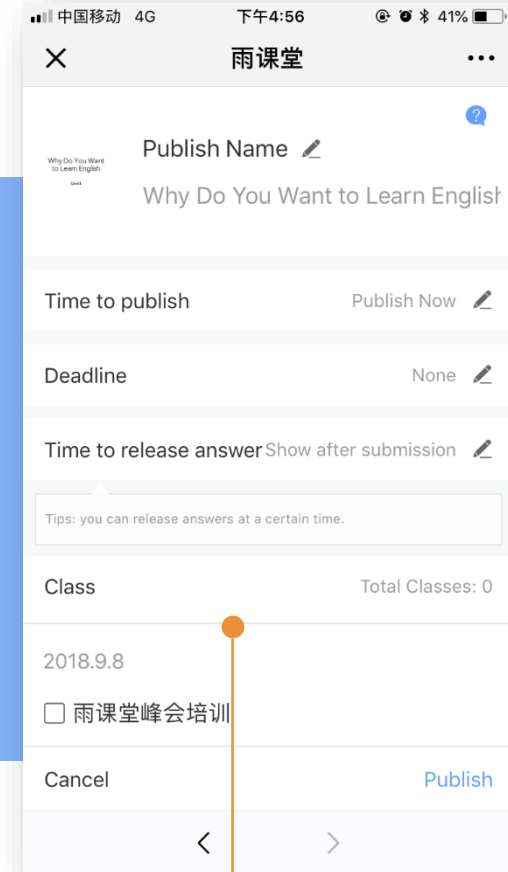


Click to preview



Hold and talk to add explanation

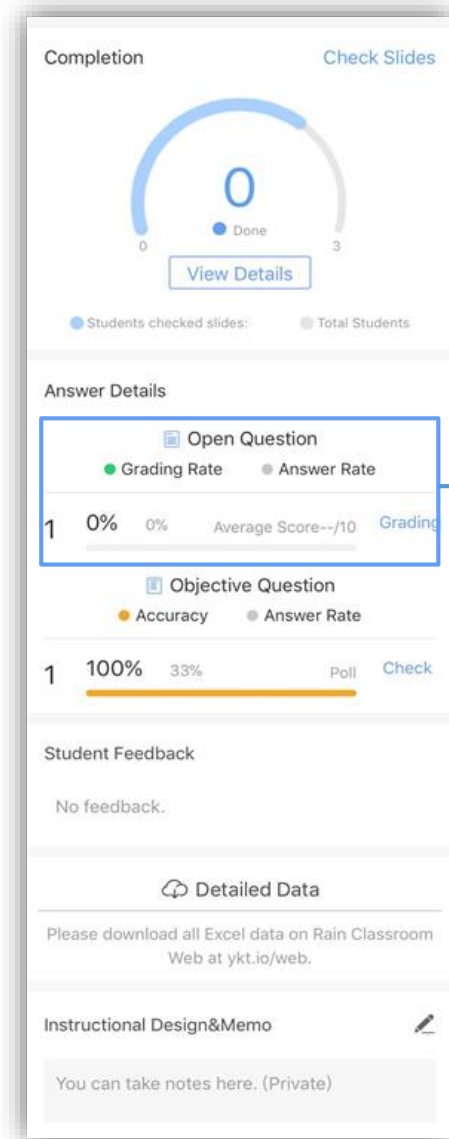
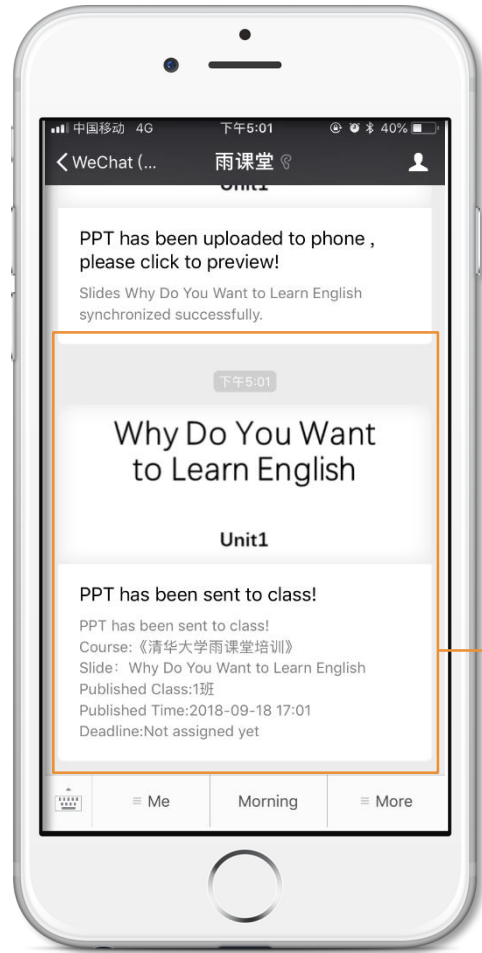
Click to publish



Add deadline and choose class, then release it

# Check Teaching Data in the Mobile Device

After sending the pre-courseware to students, teachers can check teaching data in the mobile phone.



Open question correcting

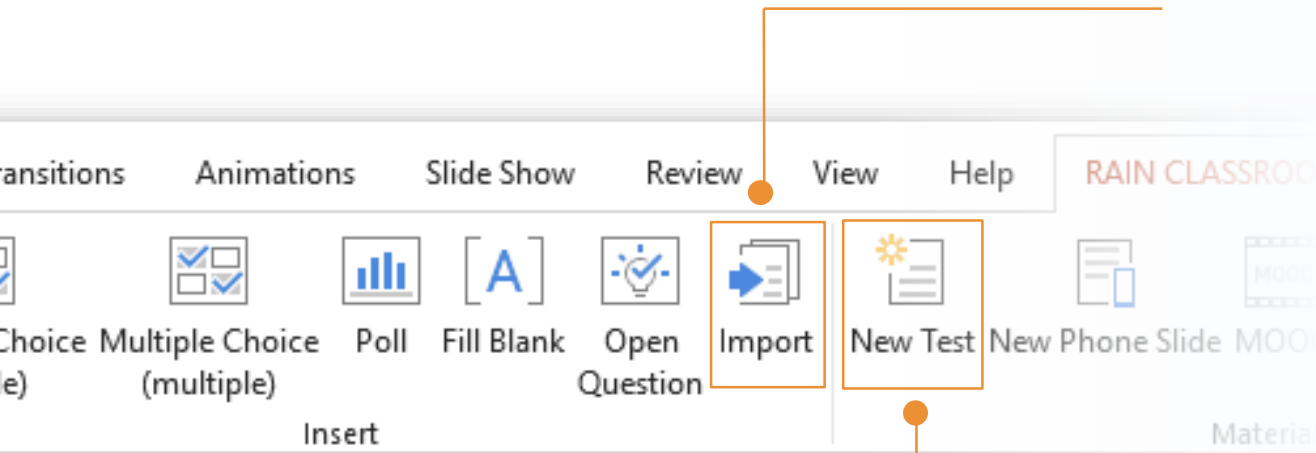
# Part 5

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## Assign homework with Rain Classroom

- How to Make the Test
- Upload the Test to Mobile Phone

# How to Make the Test

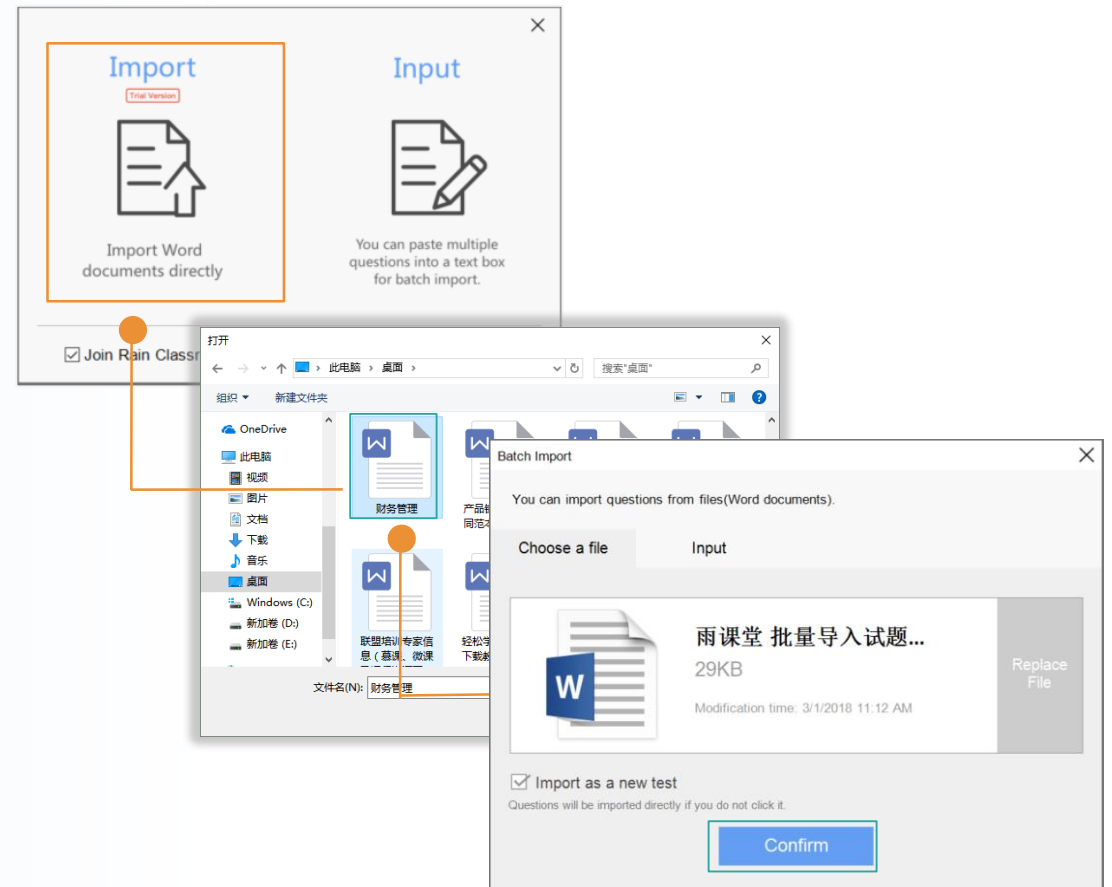


## Method 1:

1. Click 'New Test' to create and send new tests.
2. Insert questions

## Method 2:

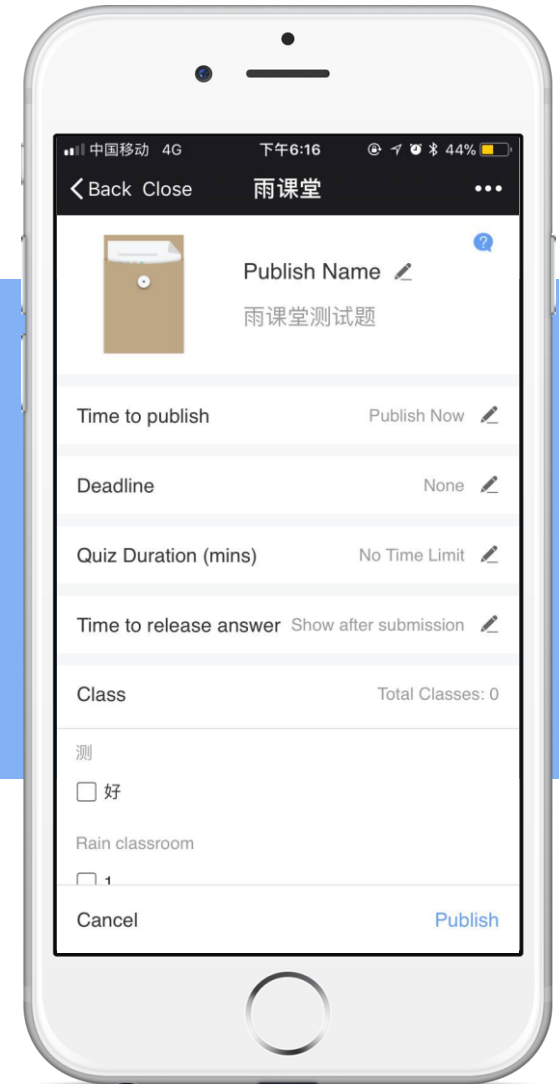
Click 'Import' to import word documents directly.



# Upload the Test to Mobile Phone

Upload the test to mobile phone,  
saved in 'My test'

You can sent to students directly,  
Or sent to students when you need.



# Part 6

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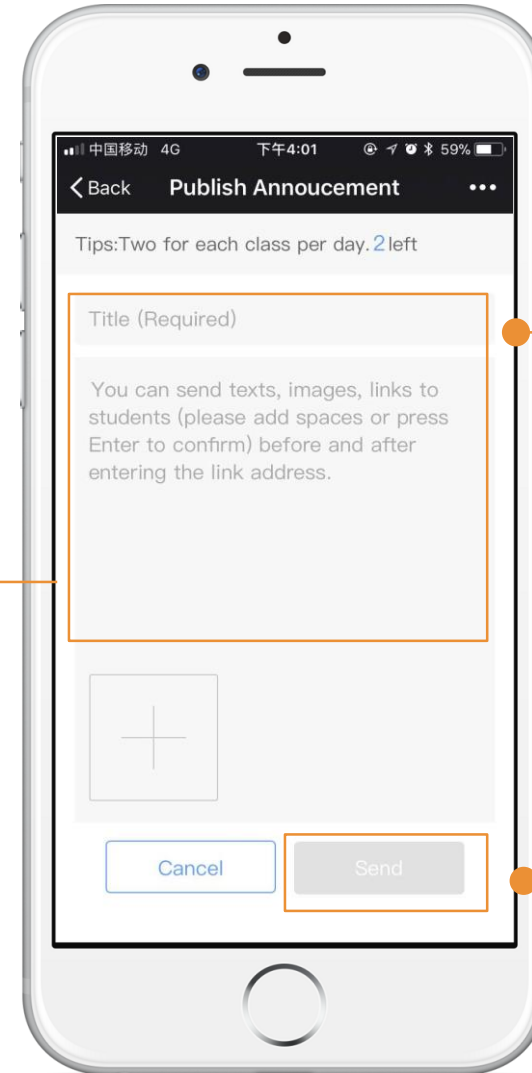
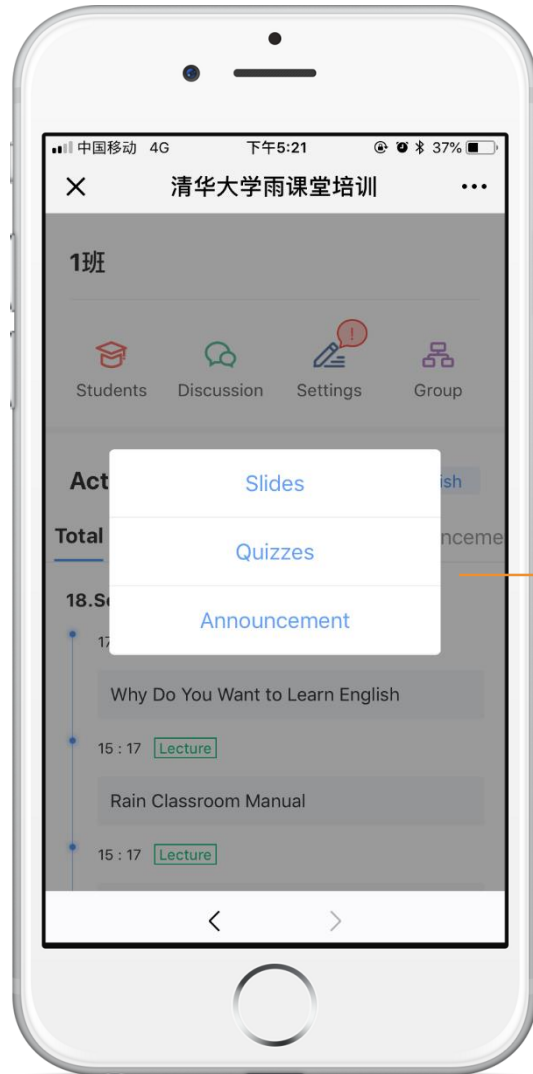
## Other Functions

- Announcement
- Rain Classroom Web Version
- Smart Laser Presenter



# Announcement

In mobile phone



Input announcement title and content.

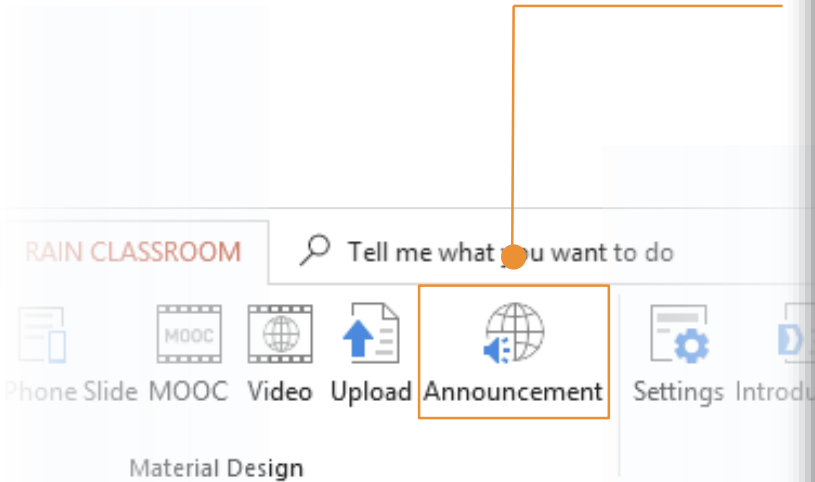
Support the text message, webpage link and so on.

Click send to the class.

# Announcement

In computer

Support send the text message, webpage link , attachments to students.



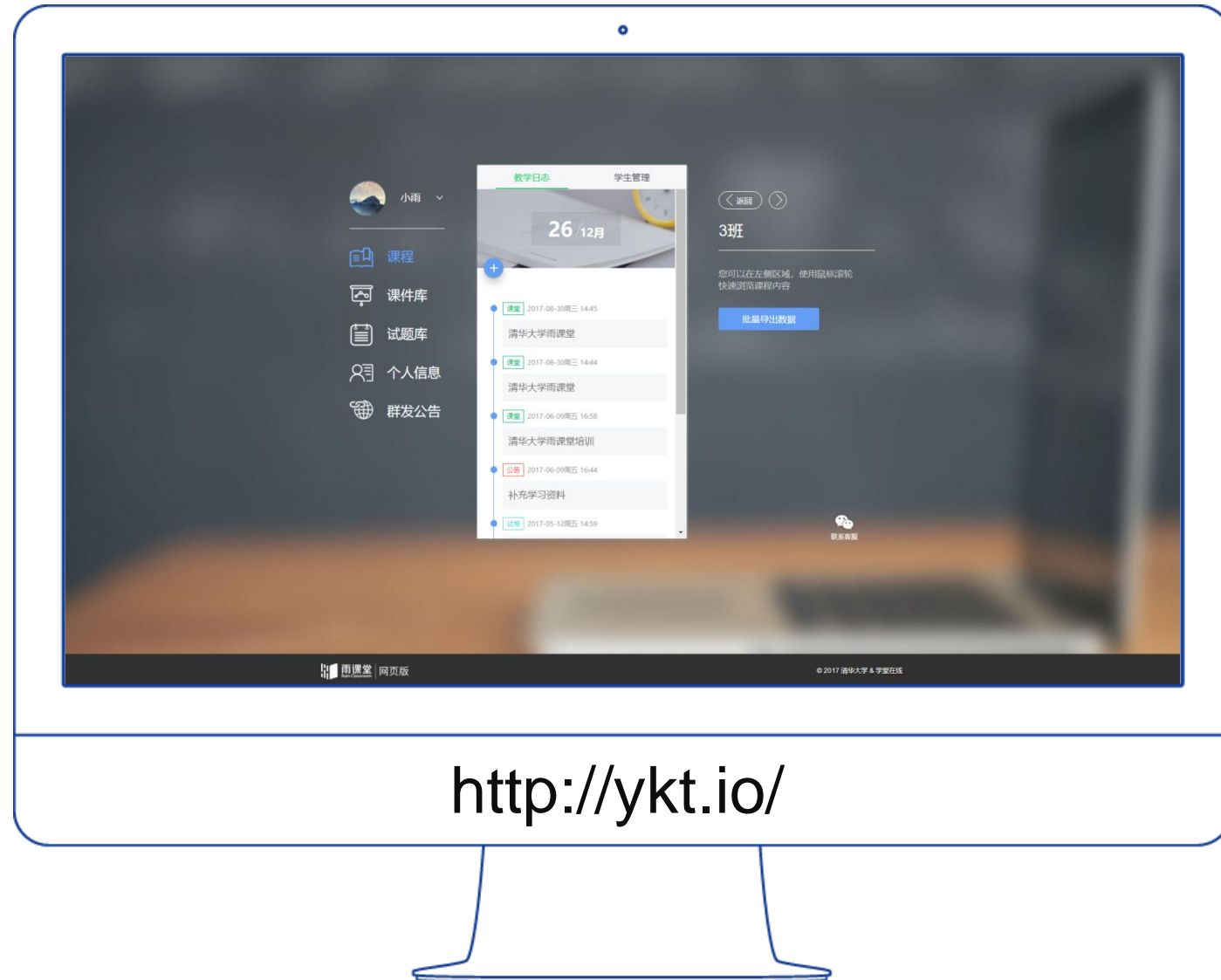
Select the class

Add attachments

Input announcement title and content.

Preview and send

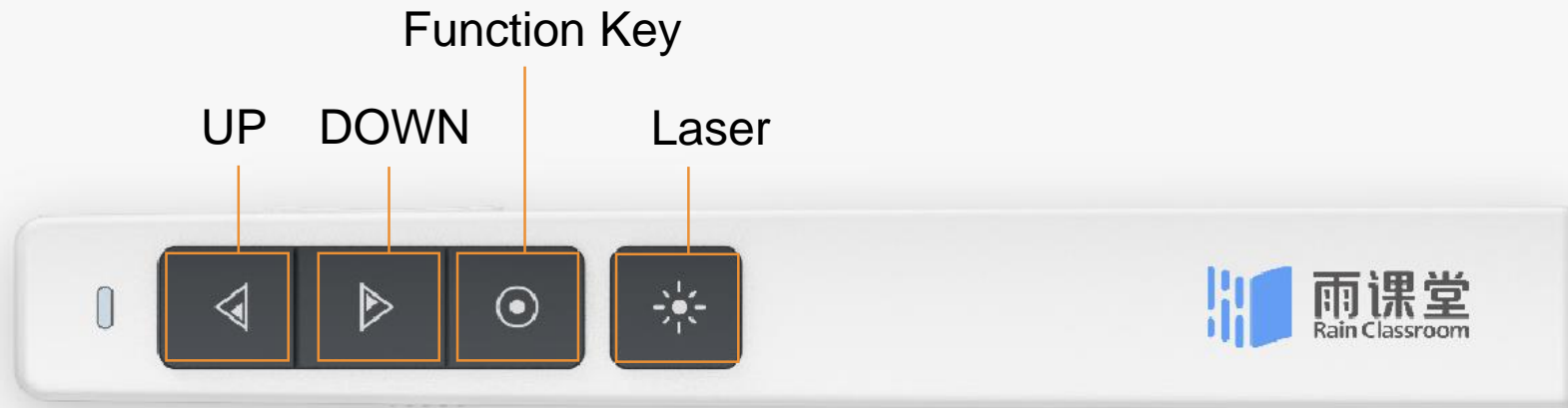
# Rain Classroom Web Version



<http://ykt.io/>

# Smart Laser Presenter

## Smart Laser Presenter R2

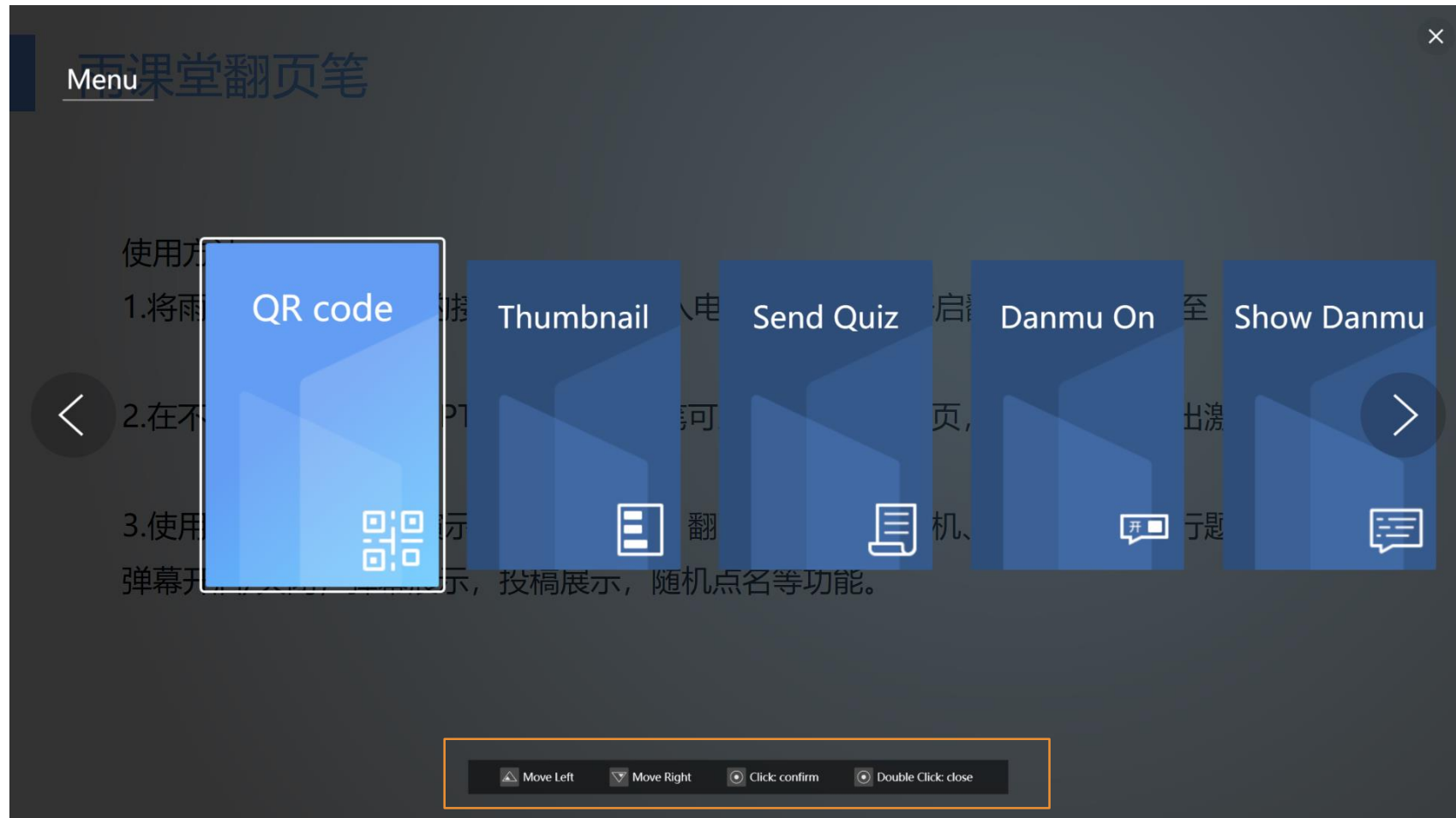


The Smart Laser Presenter can achieve all functions instead of the mobile phone, and more smoothly.

Bring a whole new experience to your classroom and help you step into smart teaching.

# Smart Laser Presenter

When teaching with Rain Classroom, your could use the presenter following the instructions.



# Welcome to use Rain Classroom!

**Help center:** <http://ykt.io/help?list=10>

**Telephone support:** 400-099-6061

**E-mail:** [yuketang@xuetangx.com](mailto:yuketang@xuetangx.com)