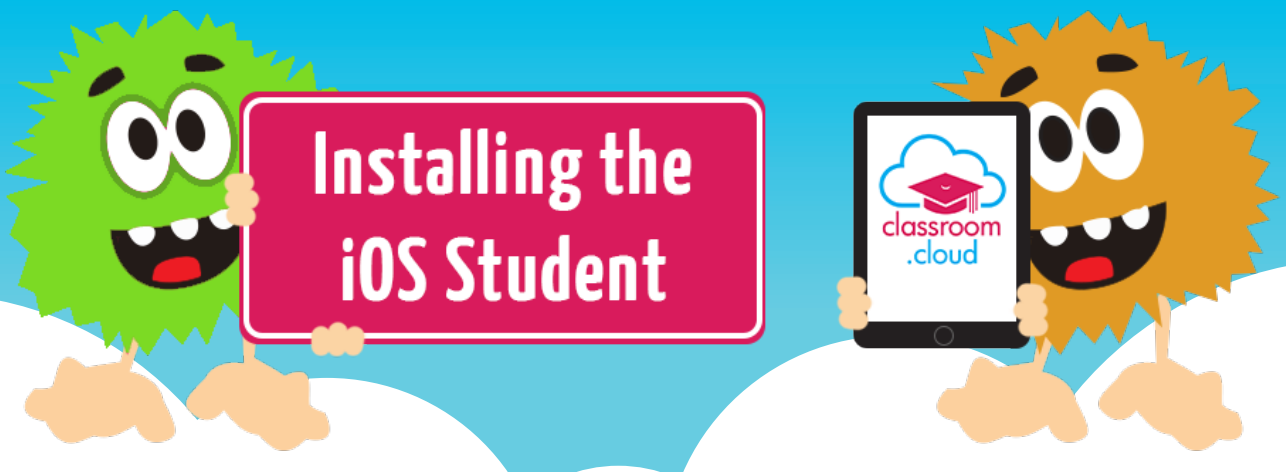
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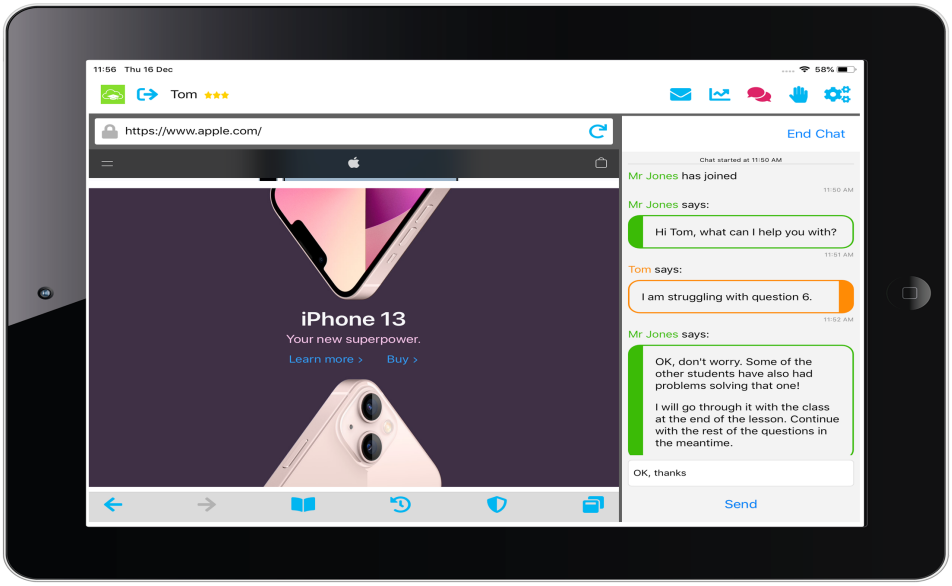


Welcome to this classroom.cloud installation guide

In this guide, we will explain how to enrol your school iPad's into your classroom.cloud environment.

It is assumed that your classroom.cloud account has already been created and the basic Administrative tasks have been completed.

If not, our **Administrator's Quick Start Checklist** will get you up and running in no time!



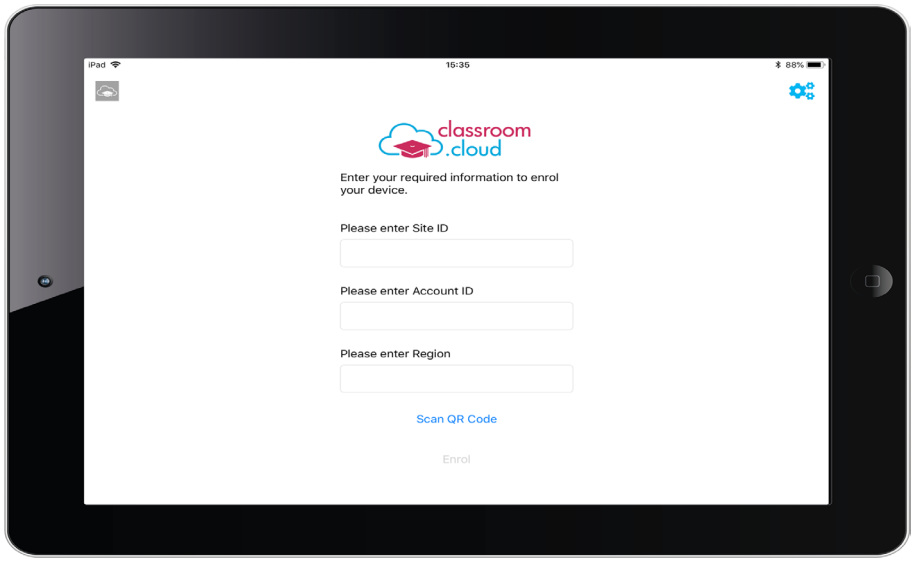
By following just a few simple steps, your student iPads will soon be available for teachers to connect to in a class:

- Each iPad needs to be running the classroom.cloud **Student app** for iOS. Either downloaded from the Apple App Store or, if your devices are centrally managed, deployed via your chosen MDM tool.
- To ensure the devices are enrolled correctly into your classroom.cloud organisation, the app also needs to be configured with the relevant classroom.cloud settings.

Enrolling devices into the classroom.cloud Web Portal

If your school's devices aren't centrally managed, you will need to download the app onto each iPad and apply the required classroom.cloud configuration settings. The settings ensure each device is enrolled to the correct **site** within your organisational structure:

1. In the **Apple Store**, search for the classroom.cloud **Student** or **click here** to go direct to the app.
2. Download the app.
3. Once installed on the device, open the Student app.



4. The device can now be enrolled into your classroom.cloud environment. You will be prompted to enter the required configuration settings (Don't worry, there is a quick way to do this!):

   Site ID - This is the unique identifier for each site (for example, each school within your multi-academy trust) you have created within your classroom.cloud organisational structure, and ensures each iPad is correctly located within this structure.

   Account ID - Your organisation's unique classroom.cloud Account ID allocated when you first signed up.

   Region - This indicates the region closest to your location where your classroom.cloud account is hosted. We have established a number of Microsoft Azure regional accounts around the world to ensure the best coverage for our customers.

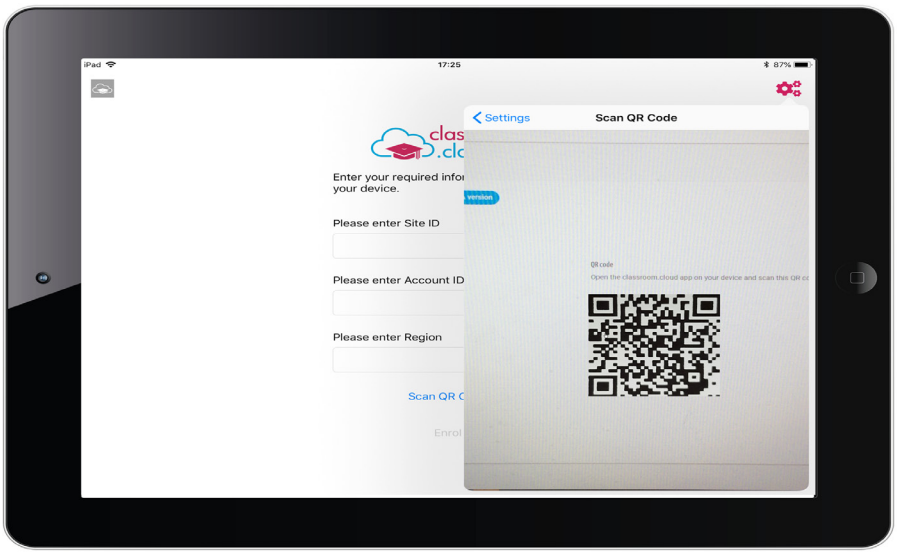
To avoid typing errors, you don't have to enter the information manually. The classroom.cloud web portal provides a **QR Code** that can be scanned by the app and this will populate the app with the settings:

- Click **Scan QR Code**

or

- Click the **Settings icon** to open the full app settings window and select **Scan QR Code**. (If subsequent updates to the enrolment settings are required, or you wish to apply any of the other settings, you will need to choose this option).

5. Now sign in to the classroom.cloud web portal with your Administrator credentials.
6. From the left hand menu, select **Sites** and choose the site where the device is to be enrolled.
7. Choose **Installers** and from the list of supported platforms, select **iOS**.
8. With the Scan QR Code option open on the iPad, point the device at the displayed QR code.

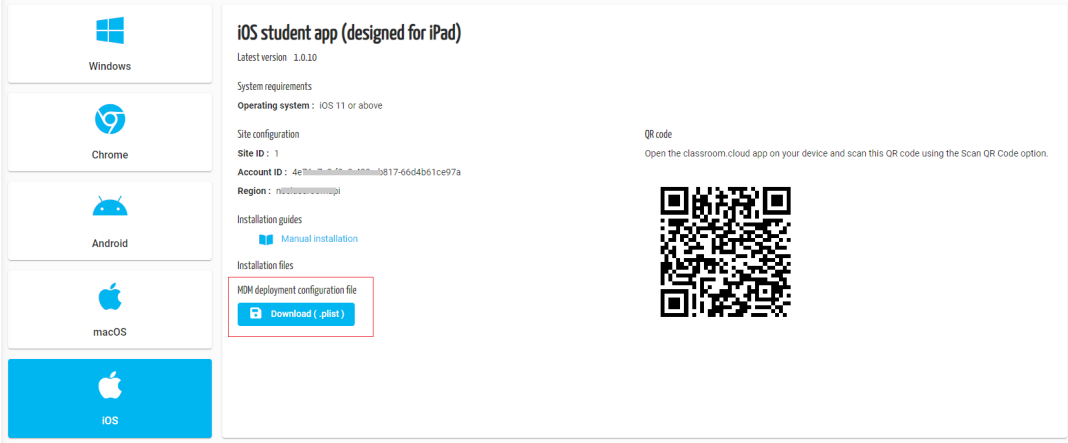


9. Once the screen displays the configuration settings, click **Enrol**.

Deploying via MDM tools

If you are managing the iPads centrally, ensure the MDM deployment package you create includes the required configuration settings, as well as the app installation file itself.

To help ensure the configuration is deployed correctly, a ready-made **.plist file** can be downloaded from the **iOS Installers page** in the classroom.cloud web portal and added to your MDM package. (If you are downloading a configuration file for each of your sites, for easy identification in your downloads folder, the relevant Site ID will be included in the filename.)



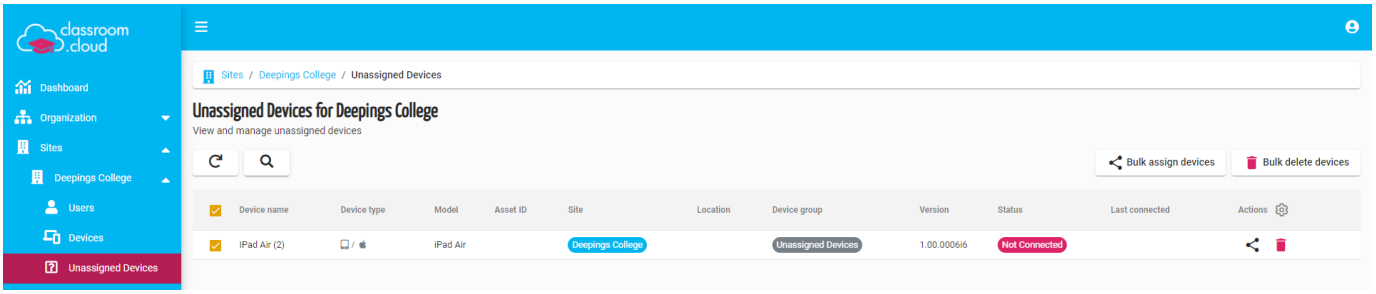
As highlighted in the example below, the file will contain three commands along with the required classroom.cloud configuration settings copied from the installers page - Site ID, Account ID and Region.

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN"
"http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
        <dict>
                <key>com.nsl.cloud.siteid</key>
                <string>1</string>
                <key>com.nsl.cloud.accountid</key>
                <string>4e7                    17-66d4b61ce97a</string>
                <key>com.nsl.cloud.region</key>
                <string>r                    pi</string>
        </dict>
</plist>
```

Note: If you use the **Jamf** MDM tool to manage app rollouts, our **Deploying the iOS Student using JAMF** guide provides full instructions.

The classroom.cloud app supports **WebClips** for launching URLs from the home screen of the iOS device in to the classroom.cloud browser. To support this, the classroom.cloud browser supports a URL scheme of '**nsl-**'. This will need to be placed before the URL that you wish to open via your WebClip - nsl-https://www.xxxxxxxxxxxx.com/

The enrolled iPads will initially appear in the classroom.cloud web portal as **Unassigned Devices** within the selected site.



To become a fully licensed device that can be connected to in a class, you should now assign the device(s) to the appropriate Device Group. Our accompanying Administrator's guide provides full details.

Note: Although, as a minimum requirement, your deployment package needs the classroom.cloud site configuration details mentioned above, the following optional settings can also be included:

Setting	Key	Value Type	Example Value	Description
Default URL	com.nsl.browser.defaulturl	String	Valid URL address	Set the default web page for the browser.
Auto Sign-Out	com.nsl.session.timeout	Number	0 = Never 2 = 2 minutes 5 = 5 minutes 10 = 10 minutes 15 = 15 minutes 30 = 30 minutes 60 = 60 minutes	Other number values will be rounded to the nearest highest value.
Remember Login Username	com.nsl.login.user.remember	Boolean	True/False	Set the app to remember the login credentials.
Use Anonymous Sign In	com.nsl.login.user.anonymous	Boolean	True/False	Allow users to sign in without domain credentials.

Student Connection Status

The Student icon, displayed at the top left of the app, indicates the current connection status between the student devices and classroom.cloud.

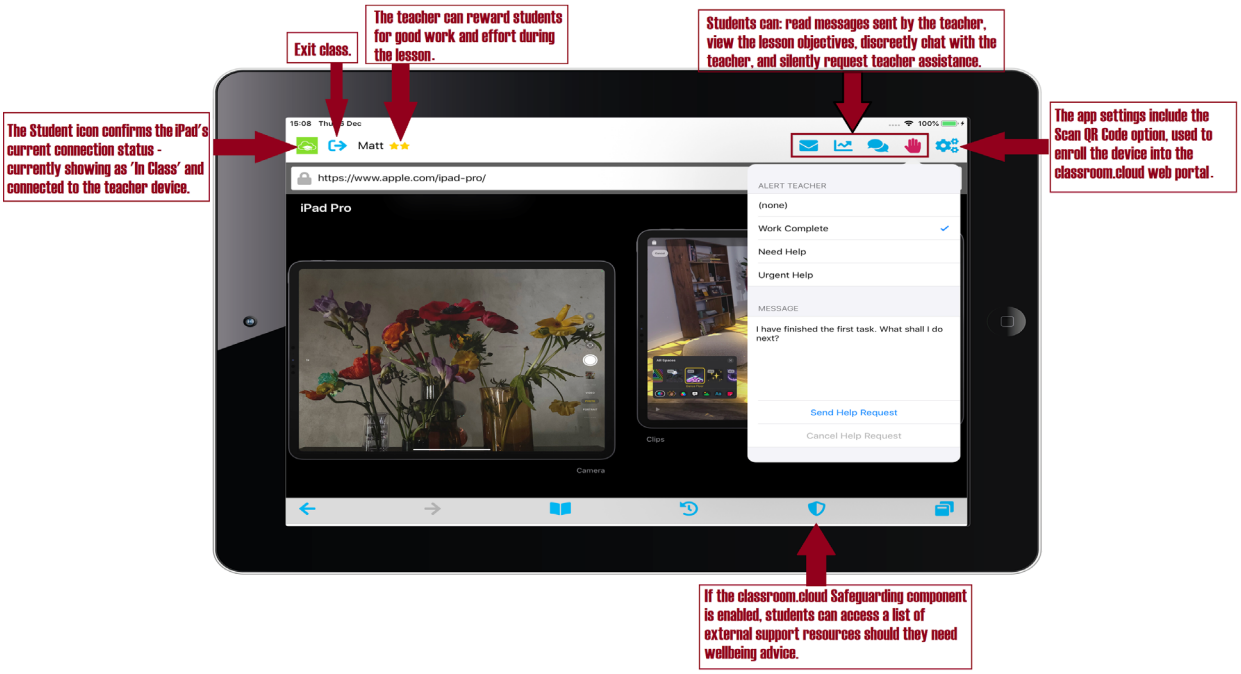


A grey icon indicates that this is a newly-enrolled device that is not yet fully licensed (not available for connection) and needs to be assigned to a classroom.cloud Device Group.

Once moved to a Device Group in the clasroom.cloud web portal, the device is recognised as being available. A teacher is then able to connect to the device when a class is launched and the icon will show as In Class. However, if classroom.cloud Privacy Settings are in force (out of school hours/term dates, or when the device is off network), Out Of Hours status will show.

Supported Features

The Student app provides support for classroom.cloud's classroom management, Safeguarding (if enabled) and Inventory components.



Classroom Management Tools:

When connected to the classroom.cloud Teacher Console, the app offers (within a browser window) a range of tools, allowing real-time interaction between student and teacher.

- Choice of flexible connection methods – teachers can connect to a pre-defined group of student devices or on the fly using a Class Code.
- Teachers can easily monitor students' internet use via crystal-clear thumbnails. You can even zoom in using Watch/View Mode to take a closer look at activity on a single student device, grabbing a real-time screenshot of the student's screen at the same time, if required.
- Broadcast the teacher's screen (an open browser page, window or the desktop) and audio to connected student devices to help show/talk them through explanations and lesson activities.
- Lock students' screens in a single click to gain attention.
- Present students with the lesson objectives and their expected learning outcomes.
- Want to change the default student/device names at the start of a lesson? No problem! The teacher can ask students to register for the lesson with their preferred name.
- Chat, send a message, and support your students via help requests – without their peers knowing.
- Get a feel for students' understanding of the topic you have just taught them by sending out a quick survey for them to respond to.
- As detailed above, the teacher can see details of the websites that students are currently viewing to check they are focused on the task at hand.
- Restrict internet use by employing 'approved' and 'restricted' website lists during the lesson.
- Save yourself a heap of time by launching a website on the students' devices.
- Recognise good work or behaviour by assigning Rewards to students during the lesson.
- During a Q&A style session, randomly select students to answer.

Safeguarding Tools:

- By monitoring the keywords and phrases your students type, your school can gain an insight into any trending issues, as well as identify individual students who are engaged in concerning activity. The database covers a wide range of topics from self-harm, gambling, bullying, and racism – to risks of radicalisation, drugs, sexual exploitation, and more.

- Several language packs are included to ensure your school can monitor concerning activity in students' first languages. Slang terms are also taken into account, which can be crucial in intercepting inappropriate communications of young people who can sometimes appear to have their own language!
- You also have the power to add your own keywords to the database that are relevant to your school and community – and even share them across your Trust.
- Safeguarding Groups can be created to deliver focused monitoring of, for example, specific year groups or students considered vulnerable. Specific settings can be applied to each group of student devices.
- Staff and students have instant access to a range of validated online support resources, including details of helplines and charities (covering topics such as FGM, drug addiction, grooming, and bullying), enabling them to explore wellbeing issues on their terms. Staff can also manage the pre-populated list and add any additional resources they feel are appropriate.

Inventory

Designed for school technicians*, the **Inventory** tool gives you an instant view of the hardware and software installed on each classroom.cloud enabled iPad and other school devices. The feature offers a wealth of grouping and filtering options enabling you to drill-down into the hardware and software lists in more detail, as well as the ability to switch between a standard itemised list and a more visual chart view.

* The dedicated **Technician** user role can be assigned to members of the school's IT team who do not necessarily require access to the web portals main administrative features. Organisation and Site Administrators are automatcially given access to the Inventory tool.

We do hope this guide has helped with your installation but please contact us if you have any questions.

Thank you
The *classroom.cloud* Team and Friends!

