

## Enabling iOS Student sign-in via QR code

classroom.cloud offers a way for your students to sign in to the classroom.cloud iOS Student app by scanning a QR code, bypassing the need for students to enter any login details (username and password).

**Note:** classroom.cloud's other sign-in options (Google login, Microsoft Entra login and Username) are authentication methods that require the student to have a username and password. Signing in with a QR code is an identification method, so only the name and email address are required.

For students to use this feature, you need to use a third-party QR code generator to generate a QR code with the student name and email address embedded in it and set the required Device Group setting in the classroom.cloud web portal to allow QR code identification.


## Enabling sign-in with a QR code in the classroom.cloud web portal

**Note:** This can be set at organisation or site level.

### Setting at organisation level

1. Select **Organisation - Settings** from the left-hand menu.
2. Select **Device Groups**.
3. From the **Identify iPad Student with** drop-down list, choose **QR Code identification**.
4. Click **Update**.

### Setting at site level

1. Select **Sites** from the left-hand menu and choose the required site.
2. Select **Device Groups**.
3. Click the **Settings**  icon for the required device group.
4. From the **Identify iPad Student with** drop-down list, choose **QR Code identification**.
5. Click **Save Settings**.

## Generating QR codes for your students

You can use your preferred third-party QR code generator or create a spreadsheet containing the information to generate the QR codes. [classroom.cloud](#) needs the student's username and email address in JSON format to allow them to sign in using a QR code.

### Using a third-party QR code generator

1. In your preferred QR code generator, enter the student username and email address in the following format:

```
{  
  "name": "Emma Smith",  
  "email": "e.smith@whdhighschool.com"  
}
```

2. Generate the QR code and download it.
3. Distribute the QR codes to your students.



### Using a spreadsheet

You can enter the required information in a spreadsheet and use a formula to generate the QR code. In the example below, we have used the [Go.QR.me](#) free API.

1. Create a spreadsheet containing a name, email address and QR code column.
2. Enter the student's details.
3. In the QR code column, enter the following formula:

```
=IMAGE("https://api.qrserver.com/v1/create-qr-code/?size=150x150&data={%22name%22:%22"&A2&"%22,%22email%22:%22"&B2&"%22}")
```

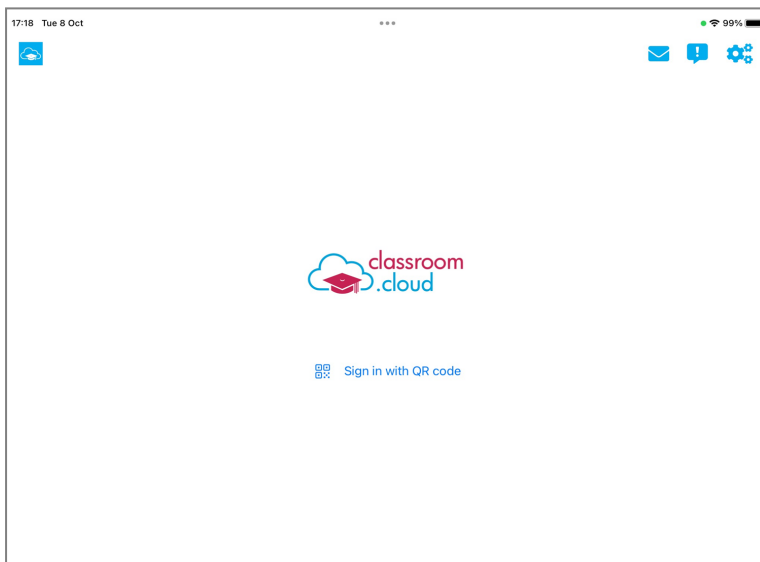
**Note:** **A2** represents the Name column and **B2** represents the Email column. **%22** represents a quote.

Name	Email	Qr code
Emma Smith	<a href="mailto:e.smith@whdhighschool.com">e.smith@whdhighschool.com</a>	
Mark Green	<a href="mailto:m.green@whdhighschool.com">m.green@whdhighschool.com</a>	

4. Distribute the QR codes to your students.

## How students sign in

1. Open the **classroom.cloud** iOS Student app and select **Sign in with QR code**.



2. The camera on the device opens and the student scans the QR code provided by the teacher.
3. The student is signed in to the iOS Student app and appears in the All Devices list in the **classroom.cloud** web portal.

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