

The Digital Creators' Challenge

Teacher's Guide to Setting Up App Lab Logins

Introduction

The Vodafone Foundation Digital Creators' Challenge workshop and course include activities using App Lab to create mobile apps. This guide explains how to set up student logins for App Lab. The logins will allow students to access the online app builder and will also give the teacher access to student projects and to reset passwords.

[App Lab](#) is a programming environment that enables students to create web apps using either blocks or JavaScript (or a mix of the two). Each app developed has a unique URL which can be easily shared and installed on both Android and iOS devices.

App Lab has been developed by Code.org to support its CS Principles course and is free to use.

This video gives you an introduction to the App Lab development tool:

<https://www.youtube.com/watch?v=e1St8LB4VJA>

What technology do you need?

App Lab is web-based and no installation is required. It works with most modern browsers but you may experience problems running it with Internet Explorer.

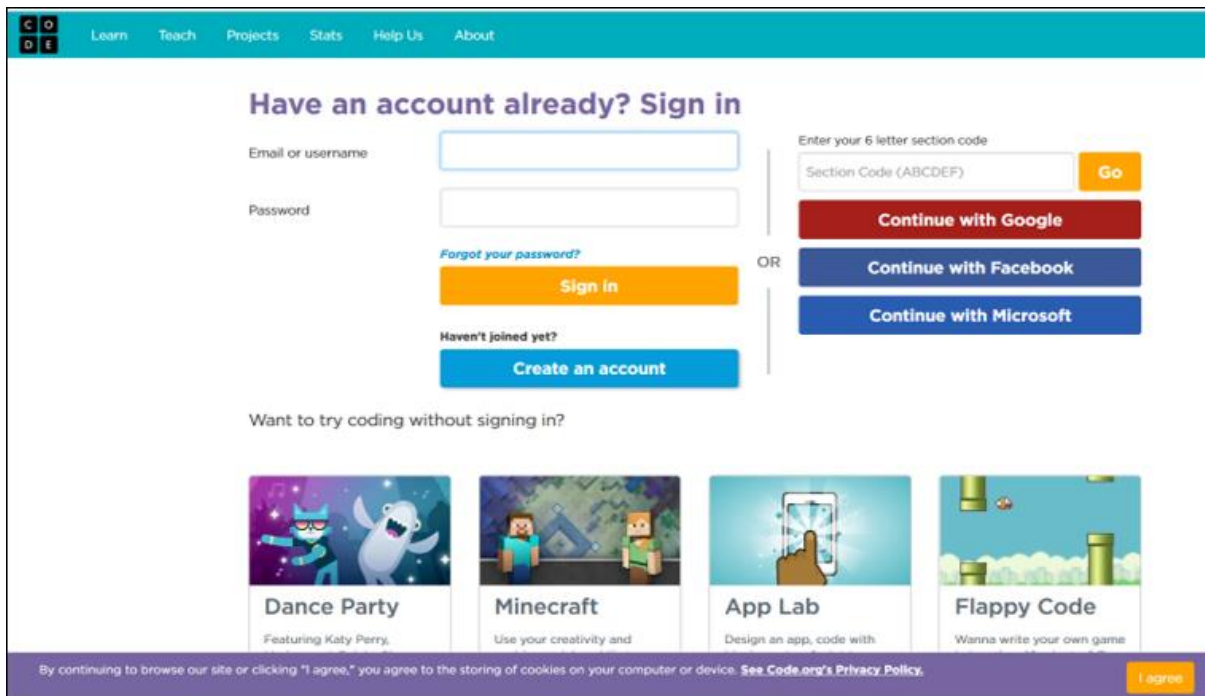
App Lab includes an on-screen emulator for testing the apps. However, you may want Android or iOS devices for further testing.

Setting up a teacher account

The following guide explains how to set up student logins for App Lab. The logins will allow students to access the online app builder and will also give the teacher access to student projects and to reset passwords.

Please note: *Students 13 and over can create their own logins without a teacher account being set up. However, you will not be able to reset their passwords or track their progress if you choose to use any of the code.org courses. Access to App Lab is blocked for any student under 13 **unless** they have an account set up by a teacher.*

The first step is to set up your own teacher account. Go to <https://code.org/> and click on sign in:



Code.org navigation: Learn, Teach, Projects, Stats, Help Us, About

Have an account already? Sign in

Email or username:

Password:

[Forgot your password?](#)

Sign in

[Haven't joined yet?](#)

Create an account

Enter your 6 letter section code

Section Code (ABCDEF) **Go**


Continue with Google

Continue with Facebook


Continue with Microsoft

OR


Want to try coding without signing in?




Dance Party
Featuring Katy Perry.



Minecraft
Use your creativity and



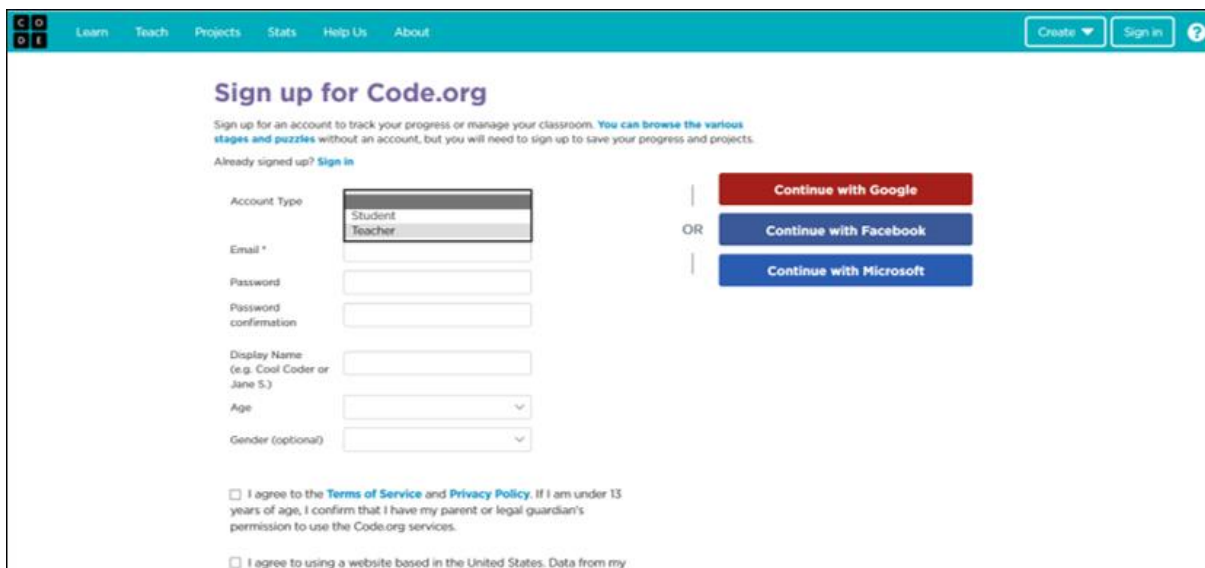
App Lab
Design an app, code with



Flappy Code
Wanna write your own game

By continuing to browse our site or clicking "I agree," you agree to the storing of cookies on your computer or device. [See Code.org's Privacy Policy.](#) **I agree**

Click on Create an account and select teacher account from the drop down box:



Code.org navigation: Learn, Teach, Projects, Stats, Help Us, About

Create Sign in

Sign up for Code.org

Sign up for an account to track your progress or manage your classroom. You can browse the various stages and puzzles without an account, but you will need to sign up to save your progress and projects.

Already signed up? [Sign in](#)

Account Type:

Email *

Password

Password confirmation

Display Name (e.g. Cool Coder or Jane S.)

Age

Gender (optional)

I agree to the [Terms of Service](#) and [Privacy Policy](#). If I am under 13 years of age, I confirm that I have my parent or legal guardian's permission to use the Code.org services.

I agree to using a website based in the United States. Data from my

Continue with Google

Continue with Facebook

Continue with Microsoft

OR

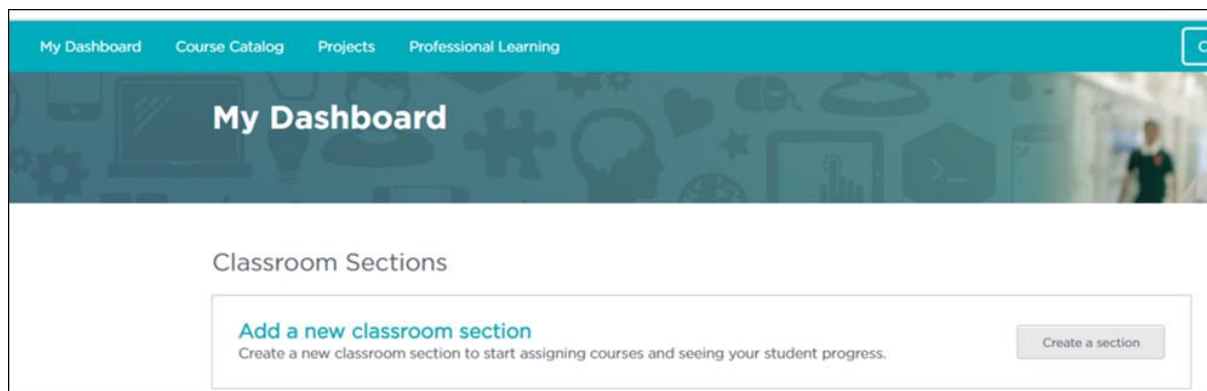
Complete the rest of the information.

Setting up student accounts

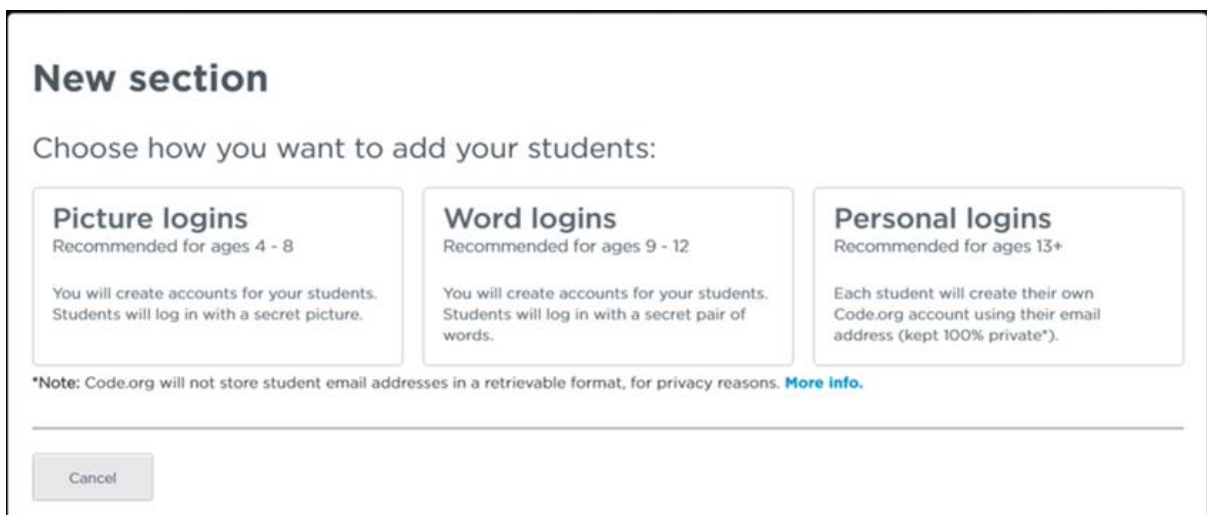
Click on My Dashboard (top left of the screen).



Click on add a new classroom section:



You have the option of setting up individual student accounts yourself (Word logins) or creating a class code that students can use to create accounts with their email address.



To create the class code select the Personal Logins option and complete the details:

New section

App Dev Workshop

Grade
8

Course
Assign a course so that your students go directly to the right course after signing in. Don't know which course to teach? Find a course from the courses page to assign a course to your section later.

Select course
[Dropdown menu]

Enable Pair Programming
When pair programming is turned on, students can choose to work with a classmate at the same computer. Turn this setting on if you want students to be able to work together while sharing progress. [Learn more about pair programming.](#)

Yes

This creates a new classroom section with a unique class code. Students can use this to set up their own account (this option requires students to have an email address).

Classroom Sections

[Add a new classroom section](#)

Create a new classroom section to start assigning courses and seeing your student progress.


Section	Grade	Course	Students	Login Info	
App Dev Workshop	8	<input type="button" value="Find a course"/>	2	TRYLSN	▼


If students do not have email accounts you can set up their accounts using the Word Logins option. Using this option you can add student names, either typing in individual names or copy and pasting a class list.

Workshop

Switch section:

Progress Text Responses Assessments/Surveys Projects Stats **Manage Students**


Success!
 You added 1 student to your section.

^ Name	⇅ Age	⇅ Gender	Secret	Actions 
<input type="text" value="Student name (required)"/>	<input type="text" value=""/>	<input type="text" value=""/>	Auto-generated	<input type="button" value="Add"/>
Joe Bloggs <small>Username: joe_bloggs716</small>	13	Male	metal opposite <input type="button" value="Reset"/> <input type="button" value="Hide secret"/>	▼

Add multiple students

Type or paste the names of your students, one per line.

A two word passcode is generated for each student login. There is an option to print off student login details on cards to hand out to students.



When students use App Lab they enter the class code and the names of all the students in the class are displayed. The student clicks on their name and enters the the two secret words to access their individual account.



Managing student accounts

Once the student accounts have been created you can manage the accounts and view any projects that the students have created.

The manage students option allows you to reset passwords, move students to different classes or delete accounts:

[View all sections](#)

App Dev Workshop

Switch section:

Progress Text Responses Assessments/Surveys Projects Stats **Manage Students**

Move students

Name	Age	Gender	Password	Actions
Test1 Username: test1844	21+	Female	<input type="button" value="Reset password"/>	▼
test2 Username: test2503	21+	Female	<input type="button" value="Reset password"/>	▼

The projects option allows you to view student projects. Click on the student name, then on the project name to access the project.

[View all sections](#)

App Dev Workshop

Switch section:

Progress Text Responses Assessments/Surveys **Projects** Stats Manage Students

Filter by student:

Project Name	Student Name	Type	Last Edited
My first app	test2	App Lab	20/08/2019