

Micro:bit Classroom Guide

Rachael Coultart June 2022

Log in to <https://classroom.microbit.org/>

Make programming lessons more productive

Easily manage students' work when programming the BBC micro:bit

[View more](#)

Set up your classroom

Begin your classroom set-up below. Once you've launched your classroom session you will have the option to add your own code to the classroom editor to share with your students.



Set up your classroom and click on 'Launch classroom'

Set up your classroom

Begin your classroom set-up below. Once you've launched your classroom session you will have the option to add your own code to the classroom editor to share with your students.

Name your activity

Mrs Coultart's Lesson

Choose a code editor

☒ MakeCode ☐ Python ☐ Python beta (new 🚧)

Select storage setting

☒ Use temporary local storage ?

Launch classroom



Click on 'Dashboard' to find joining details

What next ?

Set up your code, ask students to join and get started!

1



Complete code set-up

Go to the editor page to set up any code you want to share with your students. Click the share code with students button to make it available to them.

 [Show me the editor page](#)

2



Share joining details

Go to the dashboard page to find joining details to share with your students. Their names will appear on the dashboard as they join.

 [Show me the dashboard page](#)

3



View students' work live

On the student code page you can view your students' work or download a whole class record as a word document.

 [Show me the student code page](#)

4




Save classroom file


Before you close your classroom session download the classroom file that stores all of your students' work in one place. Use this file to resume the activity where your students left off.





Students' work is not stored online between sessions.

 [Show me the save classroom page](#)

Share joining details with pupils

 **micro:bit** | classroom — Beta

InstructionsEditorDashboardStudent codeSave classroom

 Ask students to use these details to join the classroom and start the coding activity. They can click the I've finished button when they've completed the activity. 

Collapse joining details ☒ Expand joining details

Classroom joining details

Open the URL and enter the classroom name and PIN



Go to URL

microbit.org/join



Classroom name

 **Yellow**  **Hamster**  **Fire engine**  **Gift**



PIN

422262

Pupils go to <https://classroom.microbit.org/joinactivity> and enter joining details then click 'Continue'.

Join classroom

To join the classroom please enter the classroom name and PIN below

Classroom name


Colour

 Yellow ▼

Animal

 Hamster ▼

Transport

 Fire engine ▼

Object

 Gift ▼

PIN

Number

422262

Continue

They will be prompted to enter their name (or select it from a list if you have set this up)

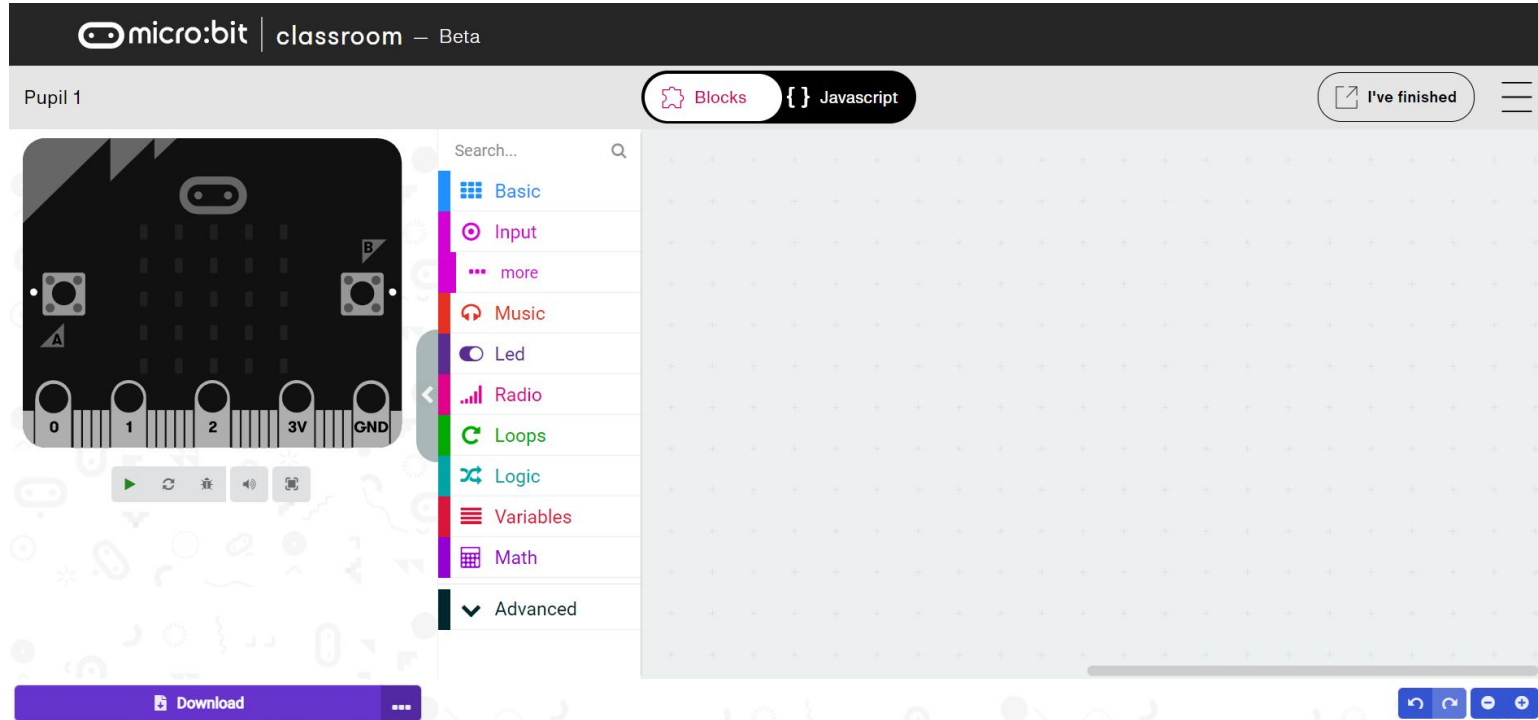
Join classroom

To join the coding activity, please find your name or enter a new one

Your name

Continue

They will then be in the familiar Micro:bit editor



You can set up and send them code to work with

The screenshot displays the micro:bit classroom interface. At the top, the navigation bar includes the micro:bit logo, the text 'classroom — Beta', and links for 'Instructions', 'Editor' (which is underlined), 'Dashboard', 'Student code', and 'Save classroom'. Below this is a green notification bar with a bell icon and the text: 'Complete your code set up and click the Share code with students button. If you have a hex file you want to use drag it on to the editor window.' The main workspace is divided into a left sidebar with a 'Mrs Coultart's Lesson' section, a central code editor with a search bar and tabs for 'Blocks' and 'Javascript', and a right sidebar with a 'Share code with students' button. A modal dialog box titled 'Share code with students' is centered on the screen. It contains the text 'You can share code with all students or select specific students below.', a checked checkbox for 'All students', a dropdown menu currently showing 'Pupil 1 x', and two buttons at the bottom: 'Send code' and 'Cancel'. The background shows a code editor with a 'on_start' block and a sidebar with 'Variables', 'Math', and 'Advanced' sections.

micro:bit | classroom — Beta

Instructions Editor Dashboard Student code Save classroom

Complete your code set up and click the Share code with students button. If you have a hex file you want to use drag it on to the editor window.

Mrs Coultart's Lesson

Blocks Javascript

Share code with students

Search... on_start

Share code with students

You can share code with all students or select specific students below.

☒ All students

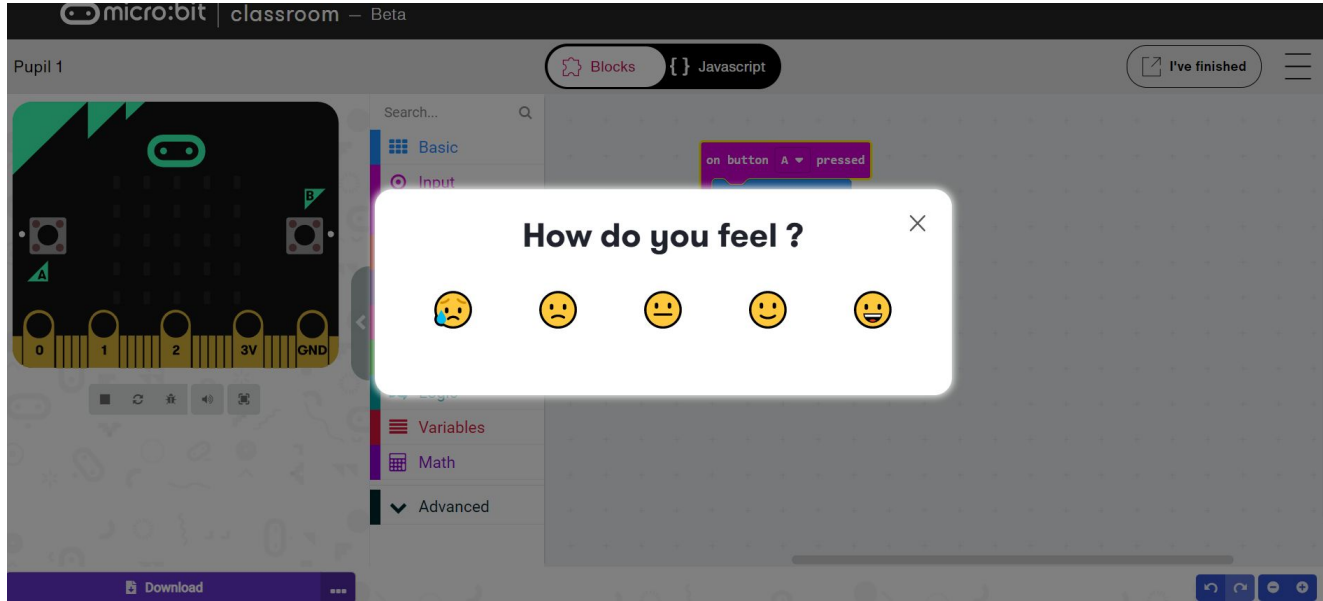
Pupil 1 x

Send code Cancel


Variables Math Advanced

Download

They will be asked to self-assess when they click on 'I've finished'.



Even if they don't click 'I've finished' you will be able to see their code for assessment purposes.
Click on 'Student code' to view pupils' work.

 **classroom** — Beta


InstructionsEditorDashboard**Student code**Save classroom

Student code


See each of your students' code live, send code to another student and download a report with all the students' code


Your students


Select a student and review their code on the right hand panel

Pupil 1
In progress

Pupil 1



 Share student code

 Download report for all students as Word document

And you can download a document showing all their code for easy assessment!