



Coding Eco Places

Introducing Coding Eco Places



At least 2 weeks before

- Ask parents and children to bring in junk materials e.g. boxes, plastic waste, string
- Test The BBC micro:bits can connect to your computers or tablets. If you're using computers, go to makecode.microbit.org or if you're using tablets, download the micro:bit app

At least 1 week before

- As a class, discuss what you think sustainable eco homes are
- Use the Investigating Sustainable Eco Ideas resource to research ideas that have inspired designs for sustainable places

Broadcast day



- Check your tech set up for streaming the broadcast – check you can access the Streamyard link and that your speakers and camera work
- Organise children into groups of 3
- Give each group the micro:bit, Simple Servo Control board, Servo motor and 3x AA batteries. If your working on tablets, give 1 battery pack and 2x AAA batteries, if you are working on computers make sure you have USB cables
- Print out the micro:bit Coding and My Invention Idea resources for each group

Live Broadcast



KS2 workshops will take place from 13:30 to 14:45pm (GMT)

13:30 - 13:45 Introduction to Wild Eco Builders with interactive Q&A

13:45 - 13:55 Introduction to Coding Eco Places exploration of coding

13:55 - 14:35 Your class will design and create coded prototypes using micro:bit, junk and craft materials

14:35 - 14:45 Show & Tell. Place the map and buildings in front of the camera and ask 1 group to share their buildings