




BBC micro:bit playground survey

Seven exciting cross-curricular activities for 7–11 year-olds

BBC



micro:bit
the next gen

1. Getting started	Learn about the exciting data science investigation and make your school playground map.	
2. Comparing surface temperatures	Survey the temperature of materials using the micro:bit Thermometer program.	 <i>Outdoor data collection activities.</i>
3. Investigating biodiversity	Create a Biodiversity counter and investigate the number of species of plants and animals you can spot in your playground.	
4. Measuring area	Measure distances to calculate the area of your playground with the clever Distance calculator program.	
5. Tracking our physical activity	Get pupils to track what types of physical activities they do in their playground using the micro:bit as an Activity tracker .	
6. Exploring machine learning	Have fun training your own machine learning model with the micro:bit machine learning tool!	
7. What next?	Enjoy choosing more micro:bit projects and new playground activities once you have completed the survey.	

*The perfect
summer term
project!*

