

P2 and P2/3 STEM Games and Activities

Engineering STEM Challenge Using recycling and scrap materials, create a parachute for a small figure or lightweight toy. Create a bridge from Lego, bricks or other materials such as recycling. How much weight can it hold? Try adding more rules such as the bridge must be as wide as a book or carry a certain weight such as 3 blocks.	Endangered animals What does it mean if an animal is endangered? Choose an endangered animal to research. Create a poster informing people about how we can protect your chosen animal. 	Importance of handwashing experiment • Dip your finger in the dish with soap water, making sure it's fully submerged. • Now dip your soap-covered finger back into the dish of pepper water. • You should see the pepper immediately move away from your finger. • This demonstration mimics how germs are removed from hands with soap.
Nature's Alphabet Game A spring walk or back garden adventure becomes a game of find and seek when you look for nature's alphabet. Look carefully at the plants around you. Can you find leaves, flowers or sticks that resemble each letter? What kind of shapes and symbols can you discover?	STEM in the news: Watch Reach Out Reporter https://www.reachoutreporter.com/. Choose your favourite news story. Can you find out more about it? Create your own STEM news update on this news story. You could video it or perform it at home. We love watching this in class!	Invention Invent and draw a robot to collect food from a local shop for someone who is staying at home. Think about how the robot travels and how it is going to pick up and carry food. Remember an invention has to be something new or something better than we already have. You could build a model of your invention.
Food technology Put the foods into the correct food groups http://fss-eatwellguide.scot/	Coding Use Scratch to create a game or animation https://scratch.mit.edu/ - join for free.	Earth Hour Earth hour is on 28th March at 8:30pm when we try and turn off as many electrical appliances as possible.

Design a healthy breakfast, snack, lunch and dinner using ingredients in your house. Help to make one of these meals if possible!

Play

<https://www.foodstandards.gov.scot/education-resources/cookin-castle>

Play

<https://www.foodstandards.gov.scot/education-resources/what-goes-where>

You can download the Scratch app from the Scratch website or the app store on your device.

Make a list/draw everything in your house that uses electricity. What could you switch off that you don't need?

