

**Art based ideas**

**Fantastic fruits -** Collect a selection of fruits. Are they all the same? Do you know what they look like inside? Look inside - what patterns do you notice?

**Has spring sprung?** Look outside. Can you see how the trees and plants are changing? What flowers can you see? Draw a picture to show that spring is here.

**Garden/home treasure hunt**. Create a rainbow collage by collecting coloured materials from your garden or home.

**English based ideas**

**Imagine what your life would be like without plastic.** Write a story or create a comic strip for ‘a life without plastic’. Are all plastics the same? Do they all float?

**Who would live in a house like this?** Design a creature that would live in the boot of your car, or the bottom of your bag. What special adaptations/characteristics would it have?

**Maths Based ideas**

**The Race is on –** time family members to do activities (e.g. tie shoe laces, peel a carrot, squats in 30 second) what do you notice, record findings

**Fun with flight** - Design and make a paper aeroplane that will travel the furthest. Does changing your design make it go further?

**Where has your food come from?** Have a look at the labels on 5 different types of food in your house. Where did they come from? Which place in UK or which country in the World? Which has travelled the furthest?

**Subject specific activities**

**How does our body work?** Go outside and use chalk to draw around someone's body. Can you draw what is inside your body? What does each part do?

**Spooky sounds -** Sit quietly for 60 seconds, make a list of everything you can hear. Try this is different places, indoors, outdoor or even in the bath. What do you think it would sound like in space?

**Growing plants from the things you throw away -** Collect the seeds from the fruit that you eat. Including tomatoes and squash. Do they all look the same? Plant them and observe how they grow.

**Best Bird Beak** - Birds' beaks have adapted to be the best shape to pick up the food they eat. Try using chopsticks, a spoon, a clothes peg and tweezers to pick up rice, raisins, stones, seeds and spaghetti. Which beak is best for each food?

**Water Music** Arrange some drinking glasses on a table. If you hit them with a pencil what sound do they make? Is each different? Now add different amounts of water to each glass. How has the sound changed? Can you compose a song to play on your water xylophone?

**Web sites / interactive learning**

[**https://www.edinburghzoo.org.uk/webcams/panda-cam/**](https://www.edinburghzoo.org.uk/webcams/panda-cam/)   
[**https://ec1.educationcity.com/**](https://ec1.educationcity.com/) [**https://www.stem.org.uk/primary-science**](https://www.stem.org.uk/primary-science) [**https://www.hamilton-trust.org.uk/science/year-2-science/living-things-and-their-habitats-habitats/**](https://www.hamilton-trust.org.uk/science/year-2-science/living-things-and-their-habitats-habitats/) [**https://www.bbc.co.uk/bitesize/levels/zbr9wmn**](https://www.bbc.co.uk/bitesize/levels/zbr9wmn)

[**https://www.scouts.org.uk/the-great-indoors/**](https://www.scouts.org.uk/the-great-indoors/)

<https://www.stem.org.uk/resources/collection/4006/primary-science-demonstrations>

**TV shows**

[Annedroids](https://www.amazon.com/Pilot/dp/B00CB6FHKE/ref=sr_1_1?ie=UTF8&qid=1529293704&sr=8-1&keywords=annedroids) (Amazon) *ages 5 and up\**

[Brains On](https://www.brainson.org/) (NPR podcast)

[Creative Galaxy](https://www.amazon.com/dp/B00CB6SU5I/?tag=mh0b-20&hvadid=77653060665846&hvqmt=e&hvbmt=be&hvdev=c&ref=pd_sl_5w711duwvo_e) (Amazon) *ages 4 and up\**

[Dinosaur Train](http://pbskids.org/dinosaurtrain/videos/) (PBS)*ages 4 and up\**

[Doozers](https://www.hulu.com/doozers?cmp=9817&utm_campaign=CM_SEM_Doozers&&utm_source=gemini&utm_medium=cpc&utm_term=doozers%20hulu&gclid=CNiWmIqk3NsCFZKxZQodk9IAAw&gclsrc=ds) (Hulu)*ages 4 and up\**

[Magic School Bus](https://www.netflix.com/title/70264612) (PBS/Netflix)*ages 5 and up\**

[MC2](https://www.netflix.com/title/80058852) (Netflix) *ages 7 and up\**

[Sci Girls](http://pbskids.org/scigirls/home) (PBS)*ages 7 and up\**

[Sid the Science Kid](http://pbskids.org/video/sid-science-kid/1558293078) (PBS) *ages 4 and up\**

[Science with Sophie](http://www.sciencewithsophie.com/) (YouTube)

[Tumble Leaf](https://www.amazon.com/Fig-Flies-Kite-Missing-Muffin/dp/B00CBZYOAO/ref=sr_1_4?ie=UTF8&qid=1529293625&sr=8-4&keywords=tumble+leaf) (Amazon) *ages 4 and up\**

**Movement based ideas**

**Plant Walk -** When you are out on a walk, ask your children to look at the plants that are around them. How many types can they see? How are they different?

**Making things move -** Take a toy car, or any toy with wheels and give it a push on 4 different surfaces in your house or outside space. Which surface do you think the car will go furthest on? Try it out a few times to find out. Can you find any other ways to make your toy car move?