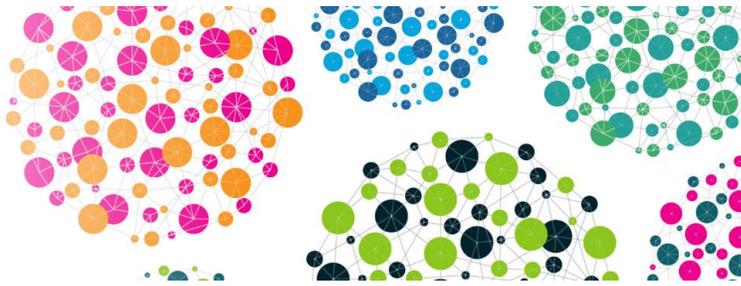


8-17 March
**British
Science
Week
2019**



It is British Science week and we will be participating in Science activities throughout the week based on the theme, Journeys. To celebrate Science week we would like you to try an experiment at home. There are some ideas listed below. You can post a video or photo on Tapestry to tell us what your child has learned and enjoyed.

Here are some key points you can think about when working with your child:

- Do they comment and ask questions about aspects of their familiar world such as the place where they live or the natural world.
- Can they talk about some of the things they have observed such as plants, animals, natural and found objects.
- Can they talk about why things happen and how things work.
- Have they developed an understanding of growth, decay and changes over time.
- Do they show care and concern for living things and the environment

Please see the British Science website for family science ideas:

<https://www.britishscienceweek.org/plan-your-activities/activity-packs/>

Early Years Science Experiment Ideas:

1. Sink or float?

This is a classic science activity that explores the principle of buoyancy and can be done with even very young children. Get a large container (eg a bowl or plastic box), fill it with water, and with the children collect a range of objects from around the home. The children then drop an object into the water – after guessing whether it will sink or float.

2. Magnet maze

For this activity, you'll need some paper plates, pens/crayons and magnets. Give a paper plate to your child and ask them to draw a 'maze' on it (NB older children may be able to attempt an actual maze but for younger ones a squiggly line is fine). Use a pair of magnets to navigate along the line – the one below the plate moves the one on top.

3. Homemade marble runs

For this activity you'll need some tape and a collection of things like cardboard tubes, plastic bottles and egg cartons (use this as an opportunity to have a discussion about recycling). Use these materials to assemble a marble run together, exploring principles such as the effect of gradient on speed.

4. Colourful capillary action

Show how water moves up through plants using food colouring. This activity works particularly well (and quickly) with celery, but you could also use white-petalled flowers. Put some celery sticks (preferably with leafy tops) in separate glasses of water, then add different colours to each glass. Within an hour or two the celery will change colour as the dye moves up through capillary action.