


Badger Science Term 6

This term in **Science**, we are completing our **Plant** topic and starting our **Rocks** focus. Below are some suggested activities for you to do with your child to support their learning. Please feel free to choose as many as you like and to come up with your own ideas.

For ease of reference, the top row are all related to Plants. There are other activities in our Art Learning grid for you to enjoy.

Investigate how water is transported from the roots to the leaves of a plant by putting a celery stick (with leaves attached) into a jar of water with a few drops of food colouring in.	Learn about seed dispersal with this catchy song https://www.youtube.com/watch?v=3CCOWHa-qfc	Look at this photograph. Can you write about the relationship between the two plants in the foreground? 	Explore the part that flowers play in the life cycle of flowering plants. Use https://www.bbc.co.uk/bitesize/topics/zgssgk7/articles/zyv3jty to help you. Record your learning of the Life Cycle of a flowering plant by designing a diagram. There are lots of images online that could inspire you.
Find as many different rocks as you can around your house and garden. Some will be movable and some won't be. Compare their colour, texture and size.	Make a fact sheet about the different types of rock and what they are best used for.	Make up a quiz all about rocks. (Remember to record the answers!) Here's 2 questions to start you off! <i>1. Chalk is a type of rock. Would you choose to make the school steps out of chalk? Explain your reasoning.</i> <i>2. Which rock doesn't sink? Why not?</i>	Different plants require different types of soil. (Think about a cactus and where it can grow.) Find out about the different types of soil and design an investigation to find out how easily water can go through.
Collect soil from different parts of your environment (garden, parks, woods). What do you notice about how different or similar they are?	Investigate the permeability of different types of rocks. https://www.stem.org.uk/resources/elibrary/resource/35386/investigating-rock-permeability#&gid=undefined&pid=1	Create a PowerPoint about the different types of Rock and their uses.	Design and investigate which rocks wear away the easiest. Make sure this is a fair test. Why is this useful to know?
Click here to learn about the three types of rock. https://www.bbc.co.uk/bitesize/topics/z9bbkqt/articles/zsgkdmn Now, go on a Rock Hunt around your house and maybe your village to spot where rocks have been used because of their properties.		What is soil made from? Draw a diagram (with labels) showing the different layers of soil.	Go on a fossil hunt to see if you can find any rocks with fossils in? https://www.bbc.co.uk/bitesize/topics/z9bbkqt/articles/z2ym2p3