







Science Activity Challenges

sample activities

This is a sample of the Science Activity Challenges activities. Its main purpose is to show you some of the interesting activities that you can do. Also, you can use this sample sheet to start doing the Activity Challenges, while your teacher is sending away for the full activity sheets and certificates.

If you have completed some of these activities before your full sheets arrive, your teacher can mark this sheet, then transfer the marks to the full activity sheet.

Pondering on Plants			
	Make a model of a flower. Include all of its parts and name them. 1	Collect 10 different leaves from the ground. Group the leaves based on size, shape, colour and leaf edge. 2	Cut an apple in half. Draw exactly what you see. Label the parts. 3
Tantalizing Toys			
	Make a toy that runs by a rubber band. 1	Measure the distance travelled when a toy car travels down slopes of different steepness. What happens if you change the weight of the car? Record results. 2	Make a game that two people can play that uses magnets. 3
World of Water			
	Where does most salt come from? Report on how it is collected and processed in New Zealand. 1	Using 10 strips of filter or cartridge paper, put a different coloured felt pen dot on each piece 2cm from the end. Dip the end of each strip 1cm into water. Watch what is happening to the dots and record what happened. 2	Mix two tablespoons of dirt in 600mL of water. Find a way of purifying the water so that it is as clean as possible. Explain what you have done. 3
Weather Watch			
	Find out what a meteorologist does and where they collect information. 1	Weather watch: In the morning. Use the Met Service website/ app and record the forecast for the next 5 days. At the end of each day record the actual weather for that day. 2	Design and carry out an experiment to show how the heat from the sun evaporates water. Explain how this happened. 3