

Year 4 Science Activities

Help Cook Dinner

Observe and list cooking utensils used during cooking. Identify the material they are made from and why you think that material was used. What properties make it a good material for the job. For example; a wooden spoon does not conduct heat, so it is good for stirring hot soup.

Aluminium Foil Art

Collect as many different types of aluminium wrappers as you can. Use the aluminium wrappers to make a piece of artwork. You can choose to make a picture or a pattern with the wrappers. Choose a piece of coloured paper for your background. Cut your pieces of aluminium foil into the shapes you require and glue them onto your background.

Properties

Click on the link and watch the video: <https://www.youtube.com/watch?v=ZZYnERZe3Cg>
Find an object around your home, draw a diagram or take a photograph. List all the properties of the object.

Man-Made Vs Natural

Find as many different materials as you can around your home. Classify them in a table (copy table below) as man-made or natural materials. Draw the item that you found using a labelled diagram, identifying materials.

Man-Made	Natural

What is it?

Ask a helper to place different objects into a bag for you – don't look! Using your sense of touch, hearing and smell pick up each object in the bag and try to guess what it is. Give yourself a point for each one you guess correctly. Swap roles. Who guessed the most correct? Which sense was the most useful?

Recycling

Click on the link below: https://www.wanneroo.wa.gov.au/info/20008/waste_and_recycling/379/waste_and_recycling/3
Read through the recycling information and create a poster for your family, explaining what can and can-not be recycled in your yellow lid bin.

Milky Plastic

Materials:

- Glass of full-cream milk
- Vinegar
- Eye dropper
- Sieve

Steps:

1. Ask an adult to help you warm up the milk by microwaving it for a minute or by placing it in a bowl of hot water.
2. Slowly squirt vinegar into the warm milk and stir.
3. Make sure the mixture is not too hot, then slowly pour the milk into the sieve (over the sink). The plastic should be caught in the sieve.
4. Mould the plastic milk into a shape and leave to dry.
5. How could you use this new plastic and what properties does it have?