

## Year 2 Science Activities

### Help Cook Dinner

Observe and draw a picture of any mixtures you make while cooking dinner. List the ingredients in your mixture.

### Colourful Sugar

#### Materials:

- 4 teaspoons of sugar
- 20 teaspoons of water
- Food dye
- Bowl
- Sunny spot

#### Steps:

6. Stir the sugar into the water until it dissolves (disappears).
7. Add a few drops of food dye.
8. Leave the bowl in a sunny spot for a few days.
9. Record what happens.
10. Draw a diagram of your experiment and identify what was in the mixture.

### Properties

If you have access to the internet ask an adult to type in the link and watch the video about properties:  
<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.

Lots of mixtures  
Find some different mixtures around your home. Draw a picture or take a photograph, then list the ingredients.

### 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. Why do you think this happens when you mix warm milk and vinegar?

### Oobleck!

This is the goo that we made in school!  
Try mixing different quantities of water and cornflour to observe how the mixture changes.

**Check with an adult first – this one is messy!!**

### Mixture Art

Ask an adult if you can do some painting. Try mixing different ingredients into your paint and observe what happens. Some of the materials you could mix with your paint may include; sand, flour, string, grass. What else can you think of?  
Try painting with your mixtures.