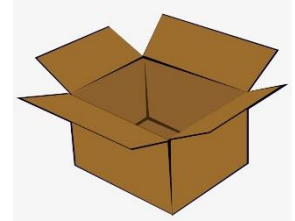




## Science Activity

### Rainbow Colours

Time to prepare: 5 minutes



□ Please stay safe and ask a grown up to supervise you

#### Resources/ things you need

- Hose or water spray bottle.
- A sunny day - sunlight.

#### What to do

Try this experiment to make your own rainbow.

1. You will need to stand with the sun behind you.
2. Spray the hosepipe or water spray bottle into the air to make a fine mist. You might have to move it around to find the best angle for a rainbow. **What are the colours of the rainbow? Can you see what order they go in?**

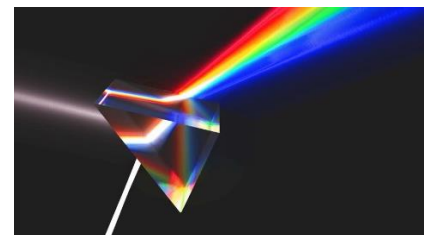
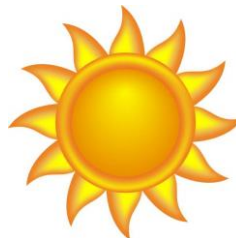
#### Background and the link to learning

A rainbow is made when sunlight splits into different colours.

Sunlight is made of white light. This white light is made up of many different colours mixed together. As the rays of light from the sun travel in and out of the water they bend. The different colours bend by slightly different amounts, so they split up and you can see them. The bending of light is called **refraction**. These colours are called the **spectrum of light**.

Can you make a rainbow with all the colours in the right order? Make a drawing or a collage? Display it support our Keyworkers and the NHS.

#### Pictures



Link to other similar activities - Please see: Ray of light.

