

Rainbows

L.O I can make careful observation of situations where white light is split into many colours.

Rainbows have been a sign of hope and support during this COVID-19 pandemic. It is rather coincidental that Rainbows are the next part of our how light work project.

Here are some great pictures of some rainbows



There are two activities I would like you to have a go at:

Activity 1:

Create a rainbow, with anything you can, it can be permanent or made from fabric. Then ask or research how rainbows are made.

Find the answers to: How can a beam of light be split into several different colours?

What are the colours of the rainbow?

Please create a poster with the facts you find out!

Activity 2: (if you can)

You need skittles (so if you can't get hold of any – don't do this part)

Watch this video:

<https://www.google.com/search?client=safari&rls=en&q=skittles+rainbow&ie=UTF-8&oe=UTF-8>

This video shows how to put a ring of skittles around the edge of a plate. Pour enough water into the plate so it covers the bottom and touches the skittles – watch what happens!

EXTENSION:

There is an experiment attached that you may like to have a go at.....please do not be in the water when this investigation is carried out. (This activity is optional)