

SCIENCE – How are rainbows formed?



Watch the video on Youtube about how the colours in rainbows are formed and have a go at the task mentioned in the video!

<https://www.youtube.com/watch?v=nCPPLhPTAlk>

Here are the instructions:

How do you make a rainbow with a water mirror and a torch?

Process

1. Position your glass of water on a table and then place the mirror inside it at an angle.
2. Make sure that the room is completely dark. ...
3. Take a torch and aim the light towards the mirror that you placed inside the glass.
4. Watch a rainbow appear from the angle of your mirror.

This video explains how the arc is formed and where else you can see rainbows

<https://www.bbc.co.uk/programmes/p0043dq1>

Can you explain it in your own words and draw diagrams to support your understanding?

