Hey Milo, don't just lie there, take a look at this!

White light from the Sun is made up of light of different wavelengths, or colours. The different wavelengths of light are bent by different amounts as they pass through the water, splitting the white light into all the colours of the rainbow.

Stand with your back to the Sun and turn on the hosepipe. Put your thumb over the end of the hose to get a fine spray of water.

Look at the spray against a dark background such as a wall, hedge or grass.

Adjust your position and the fineness of the spray until you see a rainbow!

What you need: • A hosepipe • A garden • A sunny day

Marvin and Milo

Issue 71

Do Try This At Home

Vic Le Billon

Download more Marvin and Milo activities at iop.org/marvinandmilo

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