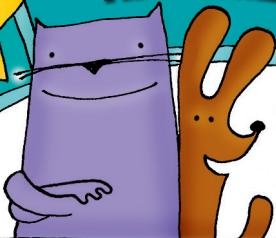


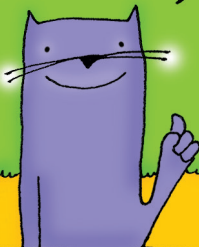
# DO ~~NOT~~ TRY THIS AT HOME

The  
Light  
Collection

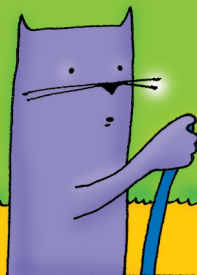


What you need: •A hosepipe •a garden •a sunny day

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



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.

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.

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



[www.physics.org](http://www.physics.org)  
search term: rainbow

