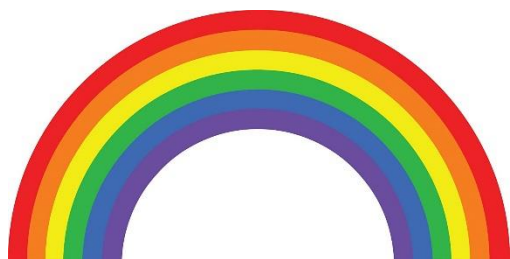




UKS2 Super Science Activities

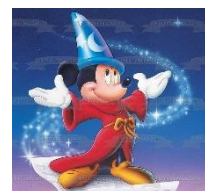
Making rainbows

Pour some water into a shallow baking pan or plastic tub. Angle a mirror into the pan, resting on the edge, and shine a bright torch (light from a phone camera works well) onto the mirror under the water. Hold a piece of white paper horizontally above the pan. What can you see? What is happening?



As if by magic!

When light travels from one material to another it bends. This is refraction. Draw a small arrow pointing left or right on a piece of paper. Fill a large, transparent glass with water. Hold the arrow behind the glass of water. What happens? Try this out with letters of the alphabet. Does it work with them all?



How does our body work?

Go outside and use chalk to draw around someone's body. Can you draw what goes on inside your body?



Heart beaters

Take your pulse rate at rest (counting how many pulses you have in 15 seconds and multiplying by four may be easier than taking your pulse for 60 seconds). Do star jumps for one minute and take your pulse rate afterwards. What has happened? Take your pulse rate every minute for five minutes after the star jumps – is it back to your resting rate yet?



Create a new creature

Create an imaginary animal using features of animals that already exist. For example a cat head, snail body and spider legs. How would you classify your new animal? Will it be a mammal, invertebrate or fish? Create a scientific name and classification for your new creation

