

PARENT NOTES: LIGHT!

RAINBOW GLASSES



Today, we learned about how light reaches our eyes and what happens when we see a rainbow. We made some glasses with coloured lenses to check out what happens when colours mix together.



ASK YOUR CHILD

What did you make today?

(Rainbow glasses)

How do we see rainbows?

(Sunlight is a mixture of all the colours of the rainbow blended together. When light passes through a drop of rain water high in the air, it makes the colours separate because they have different wavelengths which means we can see all of the colours separately).

What shape is a rainbow?

(In the sky rainbows are usually half-circles, whereas in a soap bubble they can be full circles. This is because the horizon usually blocks our view of the bottom half of a rainbow when we see them outside).

Do things look different when you look at them through the glasses?

How can we make colours that aren't in the rainbow?

(By mixing different colours together)