

Light: sources, reflection and how we see

energy-forces

What you need: battery torch · small flat mirror · transparency test set (clear plastic wallet or sheet, tracing or greaseproof paper, thick card, thin fabric scrap) · sticky-note or small card target for the wall · Investigation Journal page

Words to use

Transparent · Translucent · Opaque · Reflection · How we see

Our question

Which materials let light through, and can we bounce a torch beam to a target with a mirror?

I predict...because...

Transparent

Translucent or opaque

Our comparison

Head each empty column with one thing you tested for, then fill in a row for each thing you tested.

What we tested				

Which materials were transparent, translucent and opaque?

What happened to the light when it hit the mirror?