

Light: reflection, colour and a closer look

energy-forces

What you need: small hand mirror · small LED torch · plastic or glass triangular prism · shallow clear tray, small mirror, and white card (spectrum backup or second Split table) · hand magnifier · tiny-print cards (provided printable) · target cards (Blue target / Red target)

Words to use

Reflection · Spectrum · Magnifier (lens)

Our question

Can we bounce a torch beam off a mirror so the bright spot hits a target?

I predict...because...

What we found out

Draw and label what you see

Labels I used

What did you change to hit the target?

Did the light go in a straight line to the mirror and then bounce?

