

# Light: natural and artificial sources, and how we see

energy-forces

## Words to use

Natural light source · Artificial light source · Transparent · Translucent · Opaque

## Our question

Which materials let torchlight through to the screen, and how much?

I predict...because...

## Words to sort

the sun · a fire or candle flame · stars · an electric lamp · a torch · a phone or tablet screen · the interactive whiteboard · a bicycle light

Sort each light source as natural or artificial using the board rule.

| natural | artificial |
|---------|------------|
|         |            |
|         |            |
|         |            |
|         |            |

## What each material did to the torchlight

| Material | What the screen looked like | transparent, translucent or opaque |
|----------|-----------------------------|------------------------------------|
|          |                             |                                    |
|          |                             |                                    |
|          |                             |                                    |
|          |                             |                                    |
|          |                             |                                    |

Which materials let the most light through?

Which blocked the light?

Was any prediction different from what you saw?