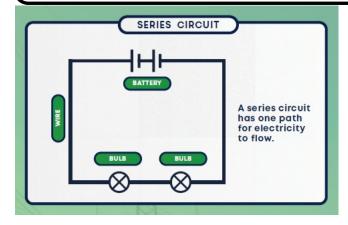
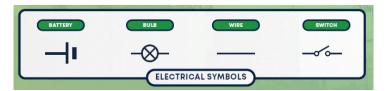
Electricity & Light — Science Year 6

Electricity — Electricity is a form of energy that flows around in a circuit.
Electric Shock — When electricity flows through the human body causing a shock.
Exposure to electrical energy can be very dangerous or fatal.



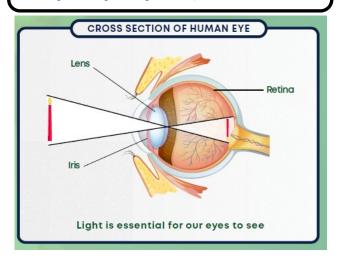


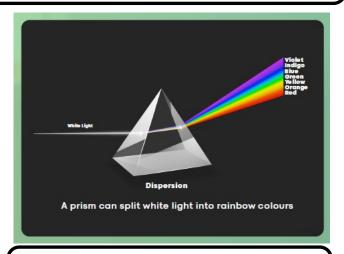
 $\begin{tabular}{ll} \textbf{Lamp/light bulb} - \textbf{Converts electrical energy to light} \\ & \textbf{energy}. \end{tabular}$

Switch - controls the flow of energy

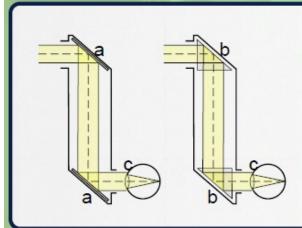
Light—a source of illumination, it allows us to see. There are natural and artificial sources of light on earth. The sun is a natural source of light that supports life on earth

The Human Eye— an organ within the body that is part of the nervous system. Light enters the eye working its way through each part to the brain.





Prism—A wedge shaped object which can split white light into a rainbow spectrum of colours. Scientists call the splitting of light 'dispersion'



A Periscope – a device that uses reflection of light to allow the user to see something that is out of their line of sight.

At A, the mirrors are tilted 45° and at B the light reflects from the mirrors travelling down the Periscope. At C, the image can be seen by the user