

Y6 Light and Electricity

Happy Children, Happy School, Learning Together, Growing Together

| | End Points: | | Key Vocabulary | | | |
|--|---|---|---------------------------------------|---|--|--|
| | Understand that objects are seen be- cause they give out or reflect light into | | Word | | Definition | |
| | the eye Know that light travels in straight lines | | light source | where light comes from | | |
| | Compare and give reasons for variations | | reflection | light bouncing off a surface | | |
| | in how components function | | periscope | a long tube that contains lenses and mirrors and that is used to look over or around something | | |
| | Use recognised symbols when repre- senting a simple circuit in a diagram | | cell | a device that delivers an electric current | | |
| | Prior Learning | Future Learning | component | an individual part of a circuit | | |
| | $\langle -$ | Secondary: Understand that light travels in waves and is made up of different fre- quencies. | circuit | a path of linked components around which electricity can flow | | |
| How you can help at home: | Understand that light is needed to see and that light | | series circuit | a series circuit is a closed circuit in which the current follows one path | | |
| Investigate shadows at different times of the day. | | | current | the rate of flow of electric charge | | |
| Look at where electricity is used. | | | voltage | the force of the electrons around a circuit | | |
| Discuss how to stay safe with electrici- ty. | | | electron | a very sm | all particle that has a negative | e charge of electricity |
| Drivlary_ | Effective Imunicators | Creative thinkers & problem solvers | The ability t connectio compari | ns and | Valuable members of a community | Understanding change , capable of changing and accepting change |
| Respect | | Positivity | | | Kindness | |