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| **Key Facts** |
| Light travels in a straight line. We can see objects when light reflects off them and hits our eyes. |
| Smooth surfaces reflect light better than rough surfaces. |
| Shadows are formed when **opaque** objects block light. Shadows are the shape of the object. |
| When the **light source** is directly above the object, the shadow will be underneath the object. |
| When the **light source** is to one side of the object, the shadow will appear on the opposite side and be longer. |

**Year 3 – Autumn 2 – Light**







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| **Key Vocabulary** |
| **Light**  | A form of energy that travels in waves from a source. | **Translucent** | Objects that let some light through. We can’t see through them properly. |
| **Light source** | An object that makes its own light. | **Transparent** | Objects that let light travel through them easily. We can see through them. |
| **Dark** | The absence of light. | **Opaque** | Objects that do not let light travel through them. |
| **Ray** | The path that light travels in. | **Reflect** | When light hits the surface of an object and bounces back into our eyes. |
|  |  | **Shadow** | A dark shape on a surface that is made when something is in between a light and the surface. |