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| Year 3 Science – Light -Spring 2 |
| What should I already know? | What am I going to learn in this unit? | Vocabulary I need to know |
| * Explore how things work
* Talk about the differences in materials and the changes that I notice
* Describe what I can see, hear, and feel when I’m outside
* Describe the simple physical properties of a variety of everyday materials
 | * I can recognise that I need light in order to see things and that dark is the absence of light.
* I can notice that light is reflected from surfaces.
* I can recognise that light from the sun can be dangerous and there are ways to protect my eyes
* I can recognise that shadows are formed when the light from a light source is blocked by an opaque object.
* I can find patterns in the way that the size of shadows change.
* I can explore what happens when light reflects off a mirror or other reflective surfaces
* I can research what might cause shadows to change
 | Light SourceLight Source | An object that makes its own light. |
| ReflectionThe Critical Art of Reflection - ART OF MENTORING | The process where light hits the surface of an object and bounces back into our eyes. |
| Ray1,200,832 Light Beam Stock Photos, Pictures & Royalty-Free Images - iStock | Waves of light are called light rays. They can also be called beams. |
| Shadowshadow - Wiktionary | An area of darkness where light has been blocked |
| TranslucentTransparent Translucent Opaque ( WITH EXAMPLES ) - YouTube | Describes objects that let some light through, but scatter the light so we can’t see through them properly |
| OpaqueOpaque Vector Art, Icons, and Graphics for Free Download | Describes objects that do not let any light pass through them |