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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 Source  Light Source | An object that makes its own light. |
| Reflection  The Critical Art of Reflection - ART OF MENTORING | The process where light hits the surface of an object and bounces back into our eyes. |
| Ray  1,200,832 Light Beam Stock Photos, Pictures & Royalty-Free Images - iStock | Waves of light are called light rays. They can also be called beams. |
| Shadow  shadow - Wiktionary | An area of darkness where light has been blocked |
| Translucent  Transparent Translucent Opaque ( WITH EXAMPLES ) - YouTube | Describes objects that let some light through, but scatter the light so we can’t see through them properly |
| Opaque  Opaque Vector Art, Icons, and Graphics for Free Download | Describes objects that do not let any light pass through them |