

# Science Big Ideas learning journey – Years 5 and 6

<p><b>Y3:</b> Seeing in light, darkness, reflection, sun dangers, shadow sizes</p> <p><b>Y4:</b> Sound vibrations and media, effects of pitch, volume, distance</p>	<p><b>Y3:</b> Forces on different surfaces, touching vs distance forces, attract vs repel, magnetic poles</p> <p><b>Y4:</b> electrical appliances, series circuit &amp; parts, effects on incomplete circuit, switches; conductors/insulators</p>	<p><b>Y4:</b> Solids, liquids &amp; gases, evaporation &amp; condensation</p>	<p><b>Y4:</b> Water cycle</p>	<p><b>Y3:</b> Rocks, physical properties, soil structure &amp; formation, fossils in rock</p>	<p><b>Y3:</b> Nutrition, muscles &amp; skeletons</p> <p><b>Y4:</b> Digestive system, teeth</p>	<p><b>Y3:</b> Plant Parts, what they need, how water is transported, seeds &amp; pollination</p>	<p><b>Y4:</b> Local organisms – classify &amp; identify, environmental dangers, food chains-producers, predators, prey</p>
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