

**Topic Term 3 2017**  
**Physical Science**

Year Level	Topic overview
PP	<p>We have been exploring how things <b>MOVE</b>:</p> <ul style="list-style-type: none"> <li>• push and pull forces</li> <li>• how objects move such as sliding, bouncing, spinning and rolling</li> </ul>
1	<p>We have been investigating <b>LIGHT</b> and <b>SOUND</b></p> <ul style="list-style-type: none"> <li>• sources of light and sound,</li> <li>• how they are produced</li> <li>• how light and sound travel.</li> <li>• The role of light and sound in our lives and our community</li> </ul>
2	<p>We have been exploring <b>PUSHES, PULLS</b> and <b>GRAVITY</b></p> <ul style="list-style-type: none"> <li>• how these forces act in air, water, and on the ground.</li> <li>• Identify the effect of the pull of gravity</li> <li>• learn that both air and water can 'push'.</li> </ul>
3	<p>We have been investigating different <b>HEAT</b> sources:</p> <ul style="list-style-type: none"> <li>• how heat moves from one object to another</li> <li>• investigate the differences in conductivity of materials.</li> </ul>
4	<p>We have been exploring <b>MAGNETS</b>:</p> <ul style="list-style-type: none"> <li>• how magnets exert a force on certain objects</li> <li>• how that force affects the objects.</li> <li>• gain an understanding of gravity, friction and magnetic forces at work in their everyday lives.</li> </ul>
5	<p>We have been exploring <b>LIGHT</b>:</p> <ul style="list-style-type: none"> <li>• the properties of light and how it enables us to see.</li> <li>• light and its role in our lives and our community</li> <li>• explain how objects reflect, absorb and refract light,</li> <li>• how we can use light to meet our needs.</li> </ul>
6	<p>We have been exploring <b>ELECTRICAL CIRCUITS</b>:</p> <ul style="list-style-type: none"> <li>• the role of electrons in transferring energy in electric circuits.</li> <li>• investigate batteries, light bulbs, motors and buzzers.</li> <li>• explain how battery-operated devices, for example, a torch, work</li> </ul>