



Year 1, Term 1B

| Physical Processes: Light & Dark and Seasons | |
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| Programme of study | Learning Intentions |
| <p>The unit develops children’s understanding of the need for light in order to see things. Children learn that darkness is the absence of light. In the absence of sunlight other light sources are seen more easily. Children will observe and talk about changes in the weather and the seasons</p> | <p>I will show my teacher what I know about light, dark and reflection.</p> <p>I will know that the sun is the light source for the Earth. If light from the sun is blocked it gets darker. (It is dangerous to look directly at the sun).</p> |
| <p>End of Year Expectations</p> <p>Pupils should be taught to:</p> <ul style="list-style-type: none"> observe and name a variety of sources of light, including electric lights, flames and the Sun Associate shadows with a light source being blocked by something. <p>Pupils should be taught to:</p> <ul style="list-style-type: none"> observe changes across the four seasons observe and describe weather associated with the seasons and how day length varies. | <p>I will know that when an object is see through it is transparent.</p> <p>I will know that when light cannot pass through objects shadows are made.</p> <p>I will know that sources of light show up best at night-time.</p> <p>I will know that shiny surfaces reflect light.</p> <p>I will name the four seasons. I will describe each season.</p> |
| <p>Vocabulary</p> <p>Words and phrases related to light and dark: <i>Bright, light, dark, black, night, day, reflect, reflective strip.</i></p> <p>Names of light sources: <i>Torch, warning light, sun, candle, lantern</i></p> <p>Words and phrases used to make comparisons: <i>Bright, brighter, brightest</i></p> <p>Words relating to seasons: seasons, spring, summer, autumn, winter, month, day, night, earth, sun, hibernate, migrate</p> | <p>I will describe Winter.</p> <p>I will describe the weather. I will measure and record weather.</p> <p>I will know about day and night.</p> <p>I will know that the weather changes during the four seasons. I will know that the days are longer in the summer than the winter</p> <p>I will know that some animals hibernate through the winter and that some animals migrate.</p> |