

Early Learning Goal	Characteristics of Effective Learning	West Meadows primary School F2/Reception Winter
<ul style="list-style-type: none"> <li>Explore the natural world around them, making observations and drawing pictures of animals and plants; -</li> <li>Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</li> </ul>	<p><b>Playing and Exploring</b></p> <ul style="list-style-type: none"> <li>Plan and think ahead about how they will explore or play with objects.</li> <li>Respond to new experiences that you bring to their attention.</li> </ul> <p><b>Active Learning</b></p> <ul style="list-style-type: none"> <li>Use a range of strategies to reach a goal they have set themselves.</li> </ul> <p><b>Creating and thinking critically</b></p> <ul style="list-style-type: none"> <li>Know more, so feel confident about coming up with their own ideas. Make more links between those ideas.</li> </ul>	<p>Know the key features of Winter – the days get <b>shorter, colder</b> and it is dark early. Know that in winter there is <b>ice</b> and <b>snow, morning frost</b> around the playground and explore these as they occur. Know that <b>ice</b> occurs when water <b>freezes</b> and ice <b>melts</b> as it get warmer.</p> <p>Recap that there are 4 seasons in the year. Know that Winter is the season that follows Autumn and explore Winter in their own <b>environment</b>.</p> <p>Learn about animals and birds and how they <b>survive</b> in winter and how we can look after them.</p> <p>Key Questions</p> <ul style="list-style-type: none"> <li>What is the weather like in Winter?</li> <li>What clothes do you need to keep you warm?</li> <li>How does snow feel, why does it melt?</li> <li>How is ice formed and why does it melt again?</li> <li>How do we protect animals in the winter? Bird feeders</li> <li>Where else is it cold. What animals live in cold environments? Polar bears and penguins</li> </ul> <p>Know that there are four seasons – <b>autumn, winter, spring, summer</b>  Know that winter includes the months of – <b>December, January</b> and <b>February</b>  Know that in Winter, the weather is usually cold and wet  When the <b>temperature</b> falls water <b>freezes</b> (turns <b>solid</b>)  Know what ice feels like and observe it <b>melting</b>  Know that ice melts when the temperature rises</p>

Know that there may be **frost** on your windows (e.g. in the car) in the mornings and at night and the pavement or road may be slippery

Know that snow sometimes falls in winter. Know that snow is frozen water.




There are fewer daylight hours in Winter which means there is more darkness. Understand that it is darker for longer in the morning and darker more quickly in the evening.

Know there are some regions (polar) in the world where it is cold all year long. Know which animals live in the North and South pole (Penguins in the **south pole** / polar bears in the **north pole**). Learn how the animals **survive** in these cold climates.




## Continuous Provision Opportunities

- Investigation station – ice investigations – dinosaurs trapped in ice, ice on a string with food colouring.
- Small world – polar animals and facts about North and South Pole.
- Literacy – Winter stories / Lost and Found – core reader / Robin’s winter song
- Creative – Winter scenes. Snow painting,
- Paint – Winter snow trees / Polar bears
- Home corner – range of dressing up for cold weather and warm weather to sort. Warm fire place. Winter / snow on the window.
- Music – Vivaldi winter and frozen.
- Outdoors – Ice sculptures / Ice experiments
- Outdoors – Painting with ice

### Direct Teaching of Vocabulary

	 <b>Anchor words</b>	(not too easy, not too hard, just right)  <b>Goldilocks words</b>	 <b>Step on words</b>
<b>nouns</b>	Cloud, Snow, Ice	Frost, Winter, temperature, icicles	Thermometer, Celsius,
<b>verbs</b>	Throw, slip	Sledge, ski, skate	Freeze, melt, hibernate
<b>adjectives</b>	Cold, dark	Chilly, Crunchy	Sparkling, overcast, slippery,

### Direct Teaching of Vocabulary

	 <b>Anchor words</b>	 (not too easy, not too hard, just right) <b>Goldilocks words</b>	 <b>Step on words</b>
<b>nouns</b>	Wood, metal, glass	Fabric, bricks, plastic	Properties
<b>verbs</b>	Make, build	Float, sink	Testing, construct
<b>Adjectives</b>			