

What do we notice in our school environment in winter ?

Alive
structure and
function
Energy - Sun
Y1



Key scientist - Anders Celsius

He invented the Celsius scale to measure temperature in which 0°C is the freezing point of water and 100°C is the boiling point of water.



Key learning

- Know difference between a plant and a tree.
- Know and identify leaf, stem, root, branch, trunk, blossom
- To know that the sun is the main source of heat energy on earth.
- To notice that in Winter, the temperature cools, the number of rainy days increases and daylight hours get shorter.
- Know the difference between evergreen and deciduous.
- Know the names of evergreen trees.



Working scientifically focus

Recording Data



Making Predictions



Key vocabulary

Tree	A tall plant with a trunk and branches.
Trunk	The thick main part of a tree.
Branch	A woody part that grows from the trunk.
Leaf	The flat part that grows on branches.
Root	The part under the soil that holds the tree in place.
Evergreen	A tree that keeps its leaves all year.
Deciduous	A tree that loses its leaves in autumn
Needles	The thin, pointy "leaves" on many evergreen trees.
Winter	The coldest season of the year.
Temperature	How warm or cold something is.
Daylight Hours	How many hours it is light during the day.



Alive (Structure and Function) - Our Learning Journey

Year 1

- Animal body parts & types of animals
- Identifying trees and plants

Year 2

- Observing how plants grow

Year 4

- The digestive system

Year 5

- How humans change while they grow

Year 6

- Circulatory system
- Classifying plants and animals



Ethics

Should we pick berries from evergreen trees, or leave them for animals?

