

5 Types of Enquiry Outdoors

Consider how each of the 5 types of enquiry could be addressed outdoors using the context given....

HELENRSRING NOV 10, 2020 12:30PM

Comparative and Fair Testing

Ice cube smelting over time

How fast does a leaf fall?

Plants - growing in different conditions

Ice - put same size pieces in different areas
e.g. shade/in the sun and measure their
length periodically to see which one is
melting fastest

Observing over time

Observing water evaporating from a cup over time - observing model of water cycle stuck to window

Leaf - When do we find the most leaves?
What happens to a leaf over time?
Observing change in the colour of leaves.

*watch a plant throughout the year to observe when it buds,
flowers, etc. — ANONYMOUS*

What colour does the leaf turn to? Where do leaves fall?

Plants - effects of different conditions

Seasons

Leaf - Which day/week are the most leaves
found?

Observe melting over time - ice

watch when certain plants flower - watch
the patterns of time

Identifying, classifying and grouping

Objects that are solid, liquid gas at room
temp. Any that change state in hot
water/fridge.

Leaf - which type of tree has it come from.
Common features.

Group plants - according to the conditions in which they grow

Identify what type of leaf, which tree the leaf came from.
Sort leaves into colours.

Identifying leaves.
Classifying and grouping leaves - by type, shape, colour etc

**We have collected some leaves and the
children are going to look at the leaves and
identify/match the leaves to the tree which
they came from**

**group different plants according to different
criteria eg petal shapes/colours**

**identify and group other liquids by whether
or not they also freeze at 0 degrees C**

Pattern seeking

Recording precipitation

Leaf - where are the most leaves found.

Looking at where plants grow, or where they are naturally found due to the characteristics

Where are leaves falling? Which colour leaf is most common?

measure daily temperature and notice when ice forms i.e. when temp is at or below 0 degrees C

We could look at the leaves to see the shapes of leaves, the veins of leaves, colours etc

Research using secondary sources

Leaf - identify the type of tree it came from using textbooks/classifying grids.

Researching freezing and meltingpoints of different materials

research the different types of plants which flower in eg august
— ANONYMOUS

Why do trees lose their leaves?

Do all trees lose their leaves? If not, why not?

which plants flower and when?

research which plants flower at certain times, e.g. august

Identify leaf

Why do some trees loose leaves?

Why do some trees never loose leaves?

Research where different plants grow and what conditions determine this

Research different types of icy weather or the polar regions

where do they grow?

find out where plants originate from
