



# Meadows First School Knowledge Organiser Science (Understanding of the World)

Year R Autumn 1

Theme: -Marvellous Me (Seeds & growing)

## Key knowledge linked to ELG

- ELG: Explore the world around them, making observations and drawing pictures
- ELG: Know similarities and differences between the natural world around them
- LO; Understand the effect of changing seasons on the natural world around them.



Scientific Enquiry Skills.

Our Working Scientific

A lot of this learning will be in Forest School



## Key Vocabulary:

### Labelling parts of a tree/ plant & beginning to name seasons

Name common flowers: dandelion, daisy, buttercup Sunflower – seeds , flower, stem, roots, leaves (Sycamore) seeds, horse chestnut tree, conkers, oak tree, acorns, stem, branches Seasons: Autumn Winter Spring Summer



## Key questions

This sequence of learning will form the basis of the Forest School exploration in reception over the Autumn term – noticing changes in the seasons and growing:

The children will (over the year as they revisit the forest school site):

Name some common flowers.

Name simple parts of a plant/ tree

Have an understanding of 'a life cycle' of a tree/ strawberry – seeds growing

Understand that seeds of a tree/ plant will grow into new plant/ tree – but some take longer than others! (eg oak tree and strawberry and cress)

## Prior/future knowledge:

### Nursery:

Explored through forest school to local environment and the effect of changes in the seasons

They will have looked at planting and growing in Nursery garden and used some produce for cooking (eg apple pies). They will have begun to name simple parts of a plant and some understanding of what plants might need.

**Future learning: Year 1**