Science Week 2022

Theme this year – Growth

Challenge!

Which class can grow the tallest sunflower?

A prize will be awarded to the winning class!

Each class to be given 4 seeds and a challenge envelope on Monday morning

All classes need to plan and begin their investigation during this week.

We will compare results at the end of the Summer Term.

EYFS

Can you plant the seeds and look after them?

How should you look after them?

What will they need?

Make observations.

Year 1

What do seeds need to grow?

Investigate why seeds need soil.

Conduct a simple test.

Make relevant observations using simple equipment

Year 2

Which conditions will be best for growing your sunflower seeds?

Investigate:

- Seeds and bulbs germinate and grow into seedlings and they need **light** to do so.

Observe closely, using simple equipment

Perform simple tests

Year 3

Will the size of the pot effect how a sunflower grows?

- Plants need certain things to grow: air, light, water, nutrients from soil, and **room to grow**). These vary from plant to plant.

Make systematic observations.

With modelling and guidance, gather, record, classify and present data in a variety of ways to help to answer questions.

Year 4

Investigate if temperature effects growth.

Set up simple and practical enquiries, comparative and fair tests.

Gather, record, classify and present data in a variety of ways to help to answer questions

Year 5

Investigate if different types of soil effect how a plant grows.

With prompting, recognise and control variables where necessary.
Select, with prompting, and use appropriate equipment to take readings.
Take precise measurements using standard units.
Record data and results.

Year 6

Investigate if plants grow better with fertiliser in the soil.

Plan different types of scientific enquiries to answer questions
Recognise and control variables where necessary
Take measurements with increasing accuracy and precision
Take repeat readings when appropriate