



From seed to shoot



Science Intent

Through science, children are taught to be curious about the world around them. Our curriculum is stimulating, engaging and challenging and ensures full coverage of the National Curriculum. It fosters a sense of wonder about natural phenomena. Children develop and use a range of scientific skills including questioning, fair-testing and drawing conclusions. Scientific vocabulary is taught and built upon as topics are revisited progressively in different year groups and across key stages.

English – National Curriculum and skills

Composition

write sentences by:

- Saying out loud what they are going to write about.
- Compose a sentence orally before writing it.
- Re-reading what they have written to check that it makes sense.
- Discuss what they have written with the teacher or other pupils.

Handwriting and Presentation

- Sit correctly at a table, holding a pencil comfortably and correctly
- Begin to form lower-case letters in the correct direction
- Form capital letters correctly

Vocabulary, grammar & punctuation

- Use a conjunction in writing
- Use and understand adverbs and adjectives
- Use capital letters for names of people, places, days of the week and the

Overview

The children will plant a sunflower seed, which we will grow in the classroom and keep a plant diary. After planting the seed the children will order a set of photographs, showing each step of what they did, then write instructions to help other people plant a sunflower seed.

As our sunflower grows write poetry, using adjectives to describe.

Children receive a letter and diary from the giant from Jack and the Beanstalk, explaining the story from his point of view. Children read Jack and the Beanstalk, thinking about the story from the point of view of the giant.

What did he think was happening? How did he feel?
Plan and write the story from the point of view of the giant.



MEDIUM TERM PLANNING | UNIT OBJECTIVES

Nunthorpe Primary Academy

Year Group: 1

pronoun I

- Use adjectives.
- Can start to spell words containing the 40+ sounds.

Science – National Curriculum and skills

Plants

- identify and name a variety of common wild and garden plants
- identify and describe the basic structure of a variety of common flowering plants, including trees.
- ask simple questions and recognize that they can be answered in different ways
- observe closely, using simple equipment
- perform simple tests
- identify and classify
- observe, predict and record the growth of flowers and vegetables that they have planted.
- use their observations and ideas to suggest answers to questions
- gather and recording data to help to answer questions.

Seasonal Changes

- Observe changes to trees and plants across the 4 seasons.
- Observe and describe the weather and how day length varies.

Overview

Use the outdoor area to plant and grow seeds, hanging baskets and plant pots.

Use the outdoor garden center (role play area) to plant seeds, grow different plants and buy and sell plants.

Plan and carry out their own experiment to determine what plants need to grow. Plan questions, decide what they will keep the same and what they will change and monitor results.

Make 2 plant walks around the school grounds – one at the beginning of the topic and one at the end to find similarities and differences over time.

Handle and taste food that comes from plants. Discussing which part of the plant it is and then tasting.

Draw and label different parts of a plant.

At the beginning of year one the children will choose a tree, on the school grounds, that we want to watch throughout the year. We will be focusing on the changes that happen during the different times of year and different seasons. We will discuss what changes have happened and why.

We will discuss why we are planting in spring and if all plants need to be planting in spring.



MEDIUM TERM PLANNING | UNIT OBJECTIVES

Nunthorpe Primary Academy

Year Group: 1

Art – National Curriculum and skills	Overview
<ul style="list-style-type: none">• Use a pencil and crayons to draw. I can use 2 different grades of pencil.• Paint a picture of something seen.• use a sketch book to record simple ideas and drawings.	<p>Van Gogh</p> <p>The children will look at famous Van Gogh art work. Discussing what we like and what we don't like. We will then look at them from an art point of view, discussing how the artist has created certain lines, shade and texture. The children will practise different skills leading to recreating the sunflower picture.</p>

Design Tech – National Curriculum and skills	Overview
<p>Make</p> <ul style="list-style-type: none">• Select from and use a range of tools and equipment to perform practical tasks• explain what I am making.• say which tools I am using.• cut food safely.• describe the texture of foods.• wash my hands and ensure that surfaces are clean	<p>Children will cut, prepare and cook different parts of plants that are edible. Discuss how this is done and what recipes we could make using plants.</p> <p>Taste different vegetable soups, deciding on the most popular ingredients. Plan and make vegetable soup.</p>

Debate & Discussion Opportunities	Trips and Experiences	Possible Linked Texts
<ul style="list-style-type: none">• What makes a good friend?• How should we communicate with people?• Why did Jack think the Giant was not nice?• Who was right, Jack or the Giant?	Visit a garden centre.	Jack and the beanstalk Non-fiction texts