

‘NATURE AND OUR EARTH’

Year Groups: 3/4	Term: Autumn 2	Theme: Geography and plants
Curriculum Objectives		Links to English and Maths
<p>Art objectives:</p> <ul style="list-style-type: none">to improve their mastery of art and design techniques, including drawing and painting with a range of materialsTo be taught about great artists in history. <p>Science Objectives:</p> <ul style="list-style-type: none">Identify and describe the function of different parts of flowering plants: roots, stem/trunk, leaves and flowers.Explore the requirements of plants for life and growth (air, light, water, nutrients from the soil, and room to grow) and how they vary from plant to plant.Investigate the way in which water is transported within plants.Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. <p>Geography objectives:</p> <ul style="list-style-type: none">locate the world’s countries, using maps to focus on Europe (including the location of Russia) an concentrating on their environmental regions, key physical and human characteristics, countries, and major citiesuse maps, atlases, globes and digital/computer mapping to locate countries and describe features studiedName and locate counties and cities of the United Kingdom.Use the eight points of a compass, four and six figure grid references. <p>Music objectives:</p> <ul style="list-style-type: none">Improvise and compose music for a range of purposes using the inter-related dimensions of music.appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians.Listen with attention to detail and recall sounds with increasing aural memory. <p>Computing Objectives</p> <ul style="list-style-type: none">design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems, solve problems by decomposing them into smaller parts.		<p>English:</p> <ul style="list-style-type: none">Tom’s Midnight Garden.Explanation texts (flowers)Poetry (I wandered lonely as a cloud- Wordsworth/ The Flower Tennyson) <p>Maths:</p> <ul style="list-style-type: none">co-ordinatestime (duration of events)

Lesson	Subject/s	Learning Objective	Lesson	Subject/s	Learning Objective
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1	Geography	Locations of major cities in the UK. Using atlases.	10	Science	Investigate the way in which water is transported within plants - celery and white flowers.
2	Geography	Using six figure grid references as locations. Using cities in the UK and finding their 6 figure grid reference.	11	Art	To learn about great artists in history- Monet, look at images painted from Monet’s garden in Giverny. To reproduce part of a Monet painting to complete a class montage.
3	Geography	Locations of counties in the UK. Look at the counties each of the cities we looked at last week is in. Using digital mapping can you say what features a county has- i.e. coastline, mountains,	12	Science	Explore requirements for growth- follow up session. What have we learnt about what our cress seeds needed in order to grow successfully?
4	Geography	Using digital mapping identify features of different counties.	13	Music	Listen to a piece of music by Lakme- flower duet can they identify instruments? What does it remind them of? Appraise waltz of the flowers by Tchaikovsky. How is the similar to the flower duet? What is a waltz? How can we hear this in the music? Do you know what else Tchaicovsky is famous for?
5	Geography	Locations of countries in Europe. Using digital mapping.	14	Music	Compose their own pieces based on flowers- what kind of notes will you use? Flat/sharp why?
6	Geography	To locate capital cities within Europe.	15	Science	Explore the parts a flowering plant play in a life cycle of plants. Discuss pollination.
7	Science	identifying parts of a flowering plant.	16-18	Computing	Make and debug a program on scratch that shows what happens when a bee pollinates flowers. x 3 lessons
8	Art	Detailed still life study of a plant, using varying mediums. Pencil, watercolour, oil pastel.	19-20	Science	To look at how different plants, disperse seeds. Why do plants need to disperse their seeds? Make models to illustrate a method of seed dispersal.
9	Science	Explore requirements for growth. Cress experiment- to be placed in different locations and monitored.	21	Art	To study Vincent Van Gogh’s sunflowers. How is he different from Monet. Compare the two periods the artists were working in and how this influenced their work.

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