



Moorside Community Primary Academy - Theme Overview

Year: 2 Term: Autumn 2 Theme: Spectacular Inventions

Key Learning

1	Geography	Weather types, seasons and extreme weather.
2	History	Alexander Graham Bell
3	Life cycles	Creating their own life cycle using the correct diagram and features.
4	DT	Designing and creative using junk modelling
5	Science	Animals and their habitats- Life cycles
6	Science	Carrying out experiments, recording, predicting and evaluating
7	PSHE	Self care
8	Computing	Research and beginning to use Purple Mash, e safety
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10		
11		

Key People/Places/Facts

1	Alexander Graham Bell	Key Facts-Who is he and what did he invent?
2	Roald Dahl	Author- Looking at his novels and his life
3	Inventions	What are in inventions and how do you create them?
4	Recycling	Eco Team- Looking at recyclable materials and what we can do to help our planet?
5	Our environment	Improving our environment
6	Extreme Weather	What is extreme weather? How does this happen?
7	The internet	When was it invented? Who invented it? What would we use without it?
8	Authors	A range of authors- looking at writing styles and fiction and non fiction books.
9	Designers	Learning all about different designers and designers clothes, medicine bottle and Christmas ornaments.
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Big Questions

1	What are the greatest inventions of the last 50 years?	
2	Who is Alexander Graham Bell?	
3	Who is Roald Dahl?	
4	How do our choices affect those around us?	
5	What is 'normal'?	

Vocabulary

Alternative	Well being
Characteristics	Traits
View Point	Conduct
Fact	Findings
Explosion	Theory
Landscape	Adaptation
Food Chain	Laboratory
Invention	Life Cycle
Climate	Period
Mirco Habitat	Safety
Procedures	Creative

ENGLISH

Reading:

Year 2's will develop their skills in both fiction and non fiction .The class will also use maps to create their own fictional diary entry. The class will look at the structure of a diary entry and ensure these features are clear in their support reading and writing. Reading comprehension will continue both whole class and 1-1 throughout the week to develop their confidence and skills in reading. Additionally, continuing to develop their knowledge of answering questions correctly. Year 2 will be taking part in a 'Brilliant Book Award' focusing on 2 main reading texts linking to a range of activities.

Writing:

Year 2's will develop their skills in both fiction and non fiction writing. The children will be researching weird, wacky and wonderful animals and nature and which they will then use this information to create explanation texts and use this as a tool to present to the rest of the class. The children will create a booklet in groups, using ICT, about their favourite 'weird, wacky or wonderful' finding. The class will also research famous inventors and scientists recording their information as a non chronological report. Year 2 will be creating their own disgusting medicine, with links to *GMM*. Also writing linking to personal events will build upon their different genres e.g bonfire night/fireworks using adjectives and onomatopoeia's. This is to develop comprehension and writing skills further.

Book/Author: George's Marvellous Medicine

MATHS

The class will be embedding their skills of place value, addition and subtraction using a range of resources and support material such as number squares, number beads, number lines, cubes, counters and interactive resources during carpet time. Year 2 will look at number sequences (2, 5, 10), more/less than and money. Also, 2D shape will be investigated further with the children exploring the properties of a shape using blu-tack to help them count without losing their place. Finally, the class will begin to practice the skills they need to answer contextualised questions linking to all areas e.g money, time, and multiplication.

ENRICHMENT

- Nativity
- Anti Bullying Week
- Children in need

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Inventions

ART & DESIGN

Investigating Materials/3D Art

Year 2 will continue to explore patterns made by different materials e.g. creating artwork using techniques such as printing and crayon scraping. Additionally Year 2 will be creating 3D art LOC using both natural and man made materials. The class will evaluation their artwork.

MUSIC- Charanga!

PE

The children will take part in class events, LOC recording their times and challenging themselves to develop their 'personal bests'. Additionally, WLSSP will take weekly PE lessons focusing on developing their skills in athletics.

COMPUTING

The class will be researching spectacular creatures that live on land and in water. They will be creating their own creatures using 'paint' including a variety of shapes and colour. They will also be researching famous scientists and inventors and sharing their findings with Y1.

SCIENCE (Life cycles/Animals including humans)

Year 2 will be looking closely at plants and the plant lifecycle. We will be looking at the effects a change of environment has on a plant and how to conduct a fair test (practical). The class will write up a life cycle and share this with Rec and Y1 during an Infant Assembly.

Scientific Vocabulary

- Seed/Root/Bud/Leaf/Leaves/Flower
- Germinate
- Shade
- Compost
- Grow
- Shoot
- Conditions
- Similar
- Nectar
- Soil
- Petal
- Stem
- Pollen
- Pot
- Water
- Air

JIGSAW/PSHE-

Year 2 will discuss the ways they can take care of themselves both mentally and physically. The class will look at why we take care of ourselves both inside and outside the school environment and the importance for our wellbeing and mindset. CB-JIGSAW

RE- PEACE AND HOPE WEEK

Year 2 will be learning about the Story of the first Christmas and taking part in our nativity. The children will be discussing their traditions around Christmas time. The children will look at light, hope, dreams and giving to the community during sessions throughout the week.

