



KNOWLEDGE ORGANISER

YEAR: 3

TERM: Lent Term

TOPIC: Time Travellers!

COMPUTING

Digital Literacy – Software – Refining our typing skills with 'Dance Mat Typing' and continuing our exploration of Microsoft Word by learning how to add page and paragraph borders, themed WordArt and some simple charts and graphs.

Digital Literacy – Online Applications – Drawing and inserting objects and images into various online graphics applications. Moving, resizing and arranging text boxes and images effectively. Creating layouts of objects with no unnecessary space - using colours and fonts effectively.



PSHE

Created To Love Others – We understanding that we have been created out of love and for love. This module explores how we take this calling into our family, friendships and relationships and teaches us strategies for developing healthy relationships and keeping safe both online and in our daily lives.



★ REMINDERS ★

Diaries and reading books should be in school every day.
Children should be completing a column on their spelling grid at home each day.
PE/Games kits should be brought into school on Monday and taken home on a Friday.

ENGLISH

Reading – Building reading stamina by reading in a variety of ways. Progressing our fluency AND comprehension skills through regular, targeted use of our new and very exciting online reading program – Reading Solutions Plus!

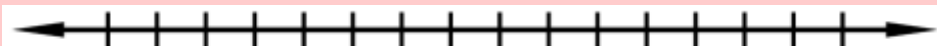
Writing - Grammar and Punctuation – Expanding our understanding of adverbs: how they can be used to open a sentence and give important details about how, when, where or how often a verb is 'happening'. Using these 'fronted adverbials' to help us begin to add subordinate clauses to simple sentences.

Writing – Composition – Writing our own Greek Myth and becoming TV reporters covering the eruption of Mount Vesuvius in ancient Pompeii!

Writing – Handwriting – Continuing to add more simple joins to our repertoire.

Writing – Spelling – A variety of suffixes (ed, er, en and ing), more homophones and the short 'y' sound.

MATHS



Number - Calculating – Introducing and embedding 'lifelong' strategies such as column addition, subtraction and multiplication. Exploring simple, written methods for division.

Measurement – Looking at comparing and adding lengths and calculating the perimeter of a 2D shape.

Fractions – Comparing and ordering unit and non-unit fractions. Finding simple equivalents.

SCIENCE

Forces and Magnets – Investigating different forces including those in action when objects move on different surfaces. Explore magnets and how they attract or repel each other. **Key Vocabulary** – FRICTION, SURFACE, FORCE, PUSH, PULL, TWIST, MAGNET, POLE, ATTRACT, REPEL and MAGNETIC FIELD

Light – Exploring how human beings 'see' and how shadows are produced and can be manipulated by the placement of a 'light source'. **Key Vocabulary** – LIGHT SOURCE, SHADOW, EYE, PUPIL, OPAQUE, TRANSLUCENT and TRANSPARENT.



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GEOGRAPHY

Locational Knowledge – We're locating countries, continents, oceans and seas focusing on Europe.

Physical Geography – We're studying some volcanoes and mountains.

Human Geography – We're exploring settlements – how people use land (farms, cities) and the ways they trade with others.

Key Vocabulary – VOLCANO, MOUNTAIN, COUNTRY, CONTINENT, OCEAN and SEA.

ART

Drawing – We'll be creating repetitive ancient Greek patterning using pencils and rulers.

Printing – We'll experiment with block printing our Greek patterns.

Sculpture – We'll be developing our skills in clay modeling when we create a Greek 'thumb' pot and decorate it with the Greek patterns we created.

Key Vocabulary - KEY PATTERN, REPEAT, PRINT, SCULPT, CLAY AND THUMB POT.

HISTORY

Key Knowledge – **World Civilisations** – We'll be studying the Ancient Greeks. Finding out how and when they lived and their impact on the way we live today.

British History – We'll continue looking at British history through to the period known as Roman Britain studying how they conquered most of the British Isles and the changes this brought to the people.

Key Vocabulary - ANCIENT GREECE, DEMOCRACY, PARTHENON, ATHENS, ROME, CONQUER, CENTURIAN and HADRIAN'S WALL.

D.T.

Design – We'll be designing a fully functioning pulley system fit for a specified purpose.

Making and Constructing – We'll select appropriate materials and work through a plan in order making adjustments as needed. We'll assemble and join materials to build our pulley systems and adjust our systems so the wheel/spool turns easily and the string runs smoothly.

Functionality and Evaluation – We'll test our finished products against our original design criteria and make a judgement on what we would change to make our design better.

P.E.

Indoor PE Sessions – **Gymnastics** – We'll be showing some control and coordination when making simple static shapes/positions. We'll make basic shapes/positions in the air when taking off from low-level apparatus. We'll create short and simple sequences and remember these actions with some accuracy and consistency. We'll know what symmetry means and make symmetrical shapes. We'll use the correct words for some of the body shapes/positions and begin to know what must be done to make them. We'll begin to analyse the work of others.

Outdoor Games Sessions – **Invasion Games** – to develop skills in invasion and net games including catching and throwing with increased accuracy, dribbling, shooting, striking, fielding, understanding space and using various techniques for different sports to improve performance and cooperation.

Please make sure PE Kits (including trainers) are in school EVERYDAY.

MUSIC

Composition – We're beginning to compose short melodies or rhythms using symbols or pictures. We'll be creating sound effects and simple musical and developing these independently AND in groups.

Performance and Playing – We are singing in unison, with clear diction, actions, and attention to beat. We are playing some instruments (e.g., the recorder) with growing fluency, accuracy, and expression. We'll be using our voices and instruments confidently in solo and group settings. We'll also be exploring different tempos.

