

Year 5: Time Travellers

1. Key Vocabulary

English — Initial, topic, visible, complex, benefit, focus perspective, symbol, trend, anticipate, alternative, factor

Maths — Congruent, decade, duration, finite, implications, interval, logic, range, scenario, schedule, strategies, successive

Science— gender, transformation, according, metamorphosis, asexual, naturalist, layer, demonstrate, celestial, spherical, revolve, approximate

Humanities — Stone Age / Iron Age, hunter-gatherer, nomad, prehistory, Anglo Saxons, colonize, invaders, Vikings, tribes / tribal, agriculture, settlement, farm / farmers, counties, topographical (hills, mountains, coasts, rivers), land-use patterns, towns, villages.

RE — Magi, pilgrim, Jerusalem, Nazareth, commitment, unified, moral, enlightenment, noble, values, dhamma, precepts.

PSHE — discrimination, stereotype, physical bullying, unequal, racial bullying, enable, homophobic bullying, imposed, emotional bullying, promote

Art — tonal range, pressure, cam, gear, emphasis, blend, crank, quality, focal point, depict, rotary, control, refine, highlight, erratic, dowel, contour, depth, eccentric cam, ellipse cam, intricate, cross hatching, effort, snail cam

DT — cam, crank, rotary, erratic, eccentric cam, effort, gear, quality, dowel, control, ellipse cam, snail cam

Spanish — Soy, tengo, pelo largo, pelo corto, ojos azul, ojos marrón, piel clara, piel oscura, alto, mediano, bajo, inteligente, amable, futbol, tenis, rugby, ciclismo, baloncesto, natación, carreras

Computing — jingle, edit, trim, audio, combine, download, cipher, confidential, decrypt, morse code, encrypt, security

Music — Time signature (4/4, 3/4, 2/4, 6/8, 5/4, 7/4) March, Waltz, Odd Timings, Congo Square, Spirituals, Blues, 50's Rock & Roll, Music of the 60's, 70's, 80's, Production – articulation, volume, jam, powerchord

PE — shielding, marking, spatial awareness, co-operation, court vision, subsequent, intercept, comrade, prohibited, collision, resilience, vitality

2. Curriculum Knowledge

- To describe the life cycle of different living things.
- To determine the features and process of reproduction for different plants and animals.
- To write about the life and achievements of a key scientist.
- To write a historical legend inspired by the key text (Beowulf).
- To write a narrative poem inspired by the key text (The Highwayman).
- To understand the possibilities linked to maths.
- To use our Maths skills to carry out Maths investigations.
- To study the change in Britain from the Stone Age to the Iron Age.
- To explore the struggle for the Kingdom by Vikings and Anglo Saxons
- To analyse the reasons settlers chose certain geographical locations.
- To explore the journey Vikings took from Europe to Britain.
- To develop artistic ideas through sketching and shading.
- To take inspiration from historical artworks and artefacts.
- To investigate, design, make and evaluate moving toys.
- To use appropriate software, apps and online tools.

- To recognise that Christians practise all across the world.



	Enterprise	Communication	Well-Being	Possibilities	Environment
Drivers:	Designing and making to earn money	Role play, hot seating and debating	Keeping ourselves and others safe	Different careers related to science	Recognising how Britain has changed

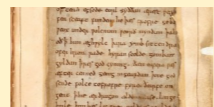
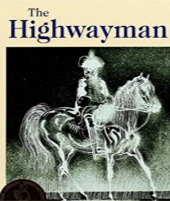
3. English

Autumn One

This term will be focused on the key text 'The Highwayman' by Alfred Noyes, a narrative poem. The children will be writing a series of narrative letters about a story from a fictional character—the character in question being 'Bess' the landlord's daughter from the poem.

Once the children have completed this, they will be writing an imagery poem inspired by 'The Highwayman', making sure to include descriptions of all five senses, smell, touch, taste, sound and sight.

After this, the children will move on to biographies, where they will be creating their own biography of an influential astronaut.



Autumn Two In the first half of the term the children will be exploring Historical Legends inspired by Beowulf. Beowulf is first known epic narrative poem uncovered in the western world. The children will write their own narrative inspired by the events and style of Beowulf.

They will then explore the features and characteristics of book reviews and produce their own review of the story of Beowulf.

Once they have completed these first two units, the children will create their own narrative poem inspired by Beowulf, using all of the skills and vocabulary they have learned this term.

4. Maths

This term we will be using the 'Maths Mastery' approach and the White Rose scheme of learning. This involves each new concept being introduced with a concrete example, followed by pictorial representations of concept and finally, moving on to using both concrete and pictorial developing their abstract understanding.

The children will learn to read, write and order numbers up to 1 million including decimal numbers with

They will learn how to add and subtract mentally using the jump and split strategy. They will also use the column method to add and subtract. We will become more confident with multiplication and division—remembering to add the carried digit when multiplying. They will use RUCSAC to solve one and two step word problems.

The children will write unit and non unit fractions. They will compare and order fractions as well as recognising mixed fractions and improper fraction. They will use diagrams and fraction walls to add and subtract fractions.

The children will consolidate telling the time to the nearest minute on an analogue and digital clock. They will convert between 12 hour and 24 hour digital clocks. We will be interpreting timetables and completing the missing information.

Decimal Place Value Chart					
Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
Whole part			Decimal part		
			Tenths	Hundredths	Thousandths



5. Science

Living things and their habitats

In Autumn one, we will be studying living things and their habitats. We will look at the reproduction and life cycles of plants, mammals, amphibians, insects and birds. The children will explore reproduction in different plants, including different methods of pollination and reproduction. They will also explore metamorphosis in amphibians and insects, comparing their lifecycles. The scientist we will be studying is Robert Winston who is famous for his pioneering work in fertility and reproduction.

Earth and space

In Autumn two we will be investigating the planets in our solar system. We will describe, name and order them. We will explain how we know the Sun, Moon and Earth are spherical using scientific evidence. We will use the idea of the Earth's rotation to describe night and day. We will also plan and investigate the rotation of the Earth using shadows.

The scientist we will be studying is Tim Peake who is an astronaut who travelled into space.

