

What your child will be studying this term – Year 4

In Pastures Green

English

In reading, we will be developing our skills in reading for understanding. We will have the chance to develop our comprehension skills using short extracts of texts from well known authors. We will also find words whose meanings we do not know and use a dictionary to find their meaning. We will continue to develop our love for reading by reading for pleasure. In writing, we will be using 'Farther' and 'Beowulf.' We will think about ways in which we can make our writing engaging, and we will have the chance to write for a range of purposes. We will keep the writer in mind and use a range of sentence types in our writing. We will use a range of conjunctions to add more detail to our writing. We will use fronted adverbials to tell the reader when, where or how and make sure we use a comma after the fronted adverbial. We will make sure that all of our sentences make sense and are accurately punctuated. We will include dialogue in our narrative writing and set it out correctly. We will continue to practise our handwriting and use our best joined up style.

Science – (White Rose)

We will be learning to sort vertebrates and invertebrates into different groups and use classification keys for identification. We will do the same for flowering and non-flowering plants. We will begin a data enquiry on the different living things we have in our area. We will also be learning about states of matter - we will explore different solids, liquids and gases and understand that some materials can change states. We will learn about the water cycle and plan and carry out fair tests on melting and evaporation.

History – The Anglo-Saxons

We will learn about the Roman withdrawal from Britain and the reasons why the Anglo-Saxons invaded and where they settled. We will identify Anglo-Saxon settlements on a map and learn about village life. We will learn about daily life for the rich, poor and children. We will also learn about the Christian conversion.

Art – (Access art)

We will explore the work of two artists who create illusions - Laura Carlin and Shaun Tan. We will explore how a story can be told and shared through a series of images using charcoal, chalk and compressed charcoal. We will work from evocative literature to create either a concertina or a poetry comic.

R.E – We will be learning about Religions in our neighbourhood. We will also be learning about why the bible is important to Christians.

PSHE – relationships

We will be learning about families in the wider world and loss and change. We will also focus on healthy friendships.

Maths

In maths, we will be focusing on number this term using the White Rose maths programme. We will be focusing on

- place value and knowledge of numbers up to 10 000
- written addition and subtraction (including exchanges)
- times tables and division facts
- factor pairs
- written methods for multiplication and division (3 digits by 1 digit)
- length, area and perimeter

We will also be learning our times tables throughout the year ready for the multiplication tables check.

Computing Algorithms and decomposition, programming and coding

We will learn that we can break down complex problems into smaller steps and how to add repetition and loops to a flow diagram. We will learn that repeat commands make programs efficient and how to use commands to write a program with several characters and scenes.

Geography – The Cities and the Counties of the United Kingdom.

We will locate the main cities in the UK and identify some of the major landmarks of the main cities. We will identify reasons why people settle in cities. We will also identify some of the main counties and label them on a map and know which counties some of the main cities are located in. We will learn the differences between urban and rural areas, and learn about suburbs and conurbations.

D.T – (Kapow)

We will be learning about mechanical systems and use this information to design, make and evaluate a slingshot car. We will also be learning about fastenings and will learn how to join fabric using different stitch styles and ensuring our stitches are small and straight.

Key vocabulary for the Autumn term

Science – Grouping and classifying

Vertebrate	An animal with a spine
Invertebrate	An animal without a spine
Flowering plant	A plant that can produce flowers and fruit
Non-flowering plant	A plant that does not produce flowers and fruit

Science – States of Matter

Solid	A liquid or object with a defined shape and a fixed volume
Liquid	A state of matter with no fixed shape but a fixed volume
Gas	A state of matter with no fixed shape and no fixed volume
States of matter	Solids, liquids and gases
Condensation	The state change where gas turns into a liquid
Evaporation	The state change when a liquid turns into a gas
Precipitation	Liquid or frozen water that falls back to Earth from the atmosphere. This can be the form of rain, hail, sleet or snow.
Atmosphere	The layer of gases that surrounds the Earth
Global warming	The gradual increase in the temperature of the Earth
Water vapour	The gaseous state of water

History – The Anglo-Saxons

Angles	Tribes from North Germany who invaded Britain.
Danelaw	The name given to parts of the country ruled by the laws of the Danes.
invade	When an armed force enters a country or region in order to occupy it.
runes	The letters used in the runic alphabet. This is how the Anglo-Saxons wrote.
Saxons	A tribe from Northern Germany who invaded Britain.
Wergild	A payment system used in Anglo-Saxon times to settle disputes between the victims or the victim's family.

Geography – Cities and Counties of the United Kingdom

amenities	A useful feature or facility.
arable	Land which is used or suitable for growing crops.
conurbation	An extended urban area with towns merging with suburbs to form a built up area.
county	A region with its own local government.
green belt	An area of open land around a city, on which any building is restricted.
rural	Areas of the countryside
suburb	A residential area which exists as part of a city.
urban	Town or city.

Please see the next page for ways to support your child's learning

Ways in which you can help your child

- Hear your child read and discuss what they have read every night
- Find fronted adverbials in the text your child does not know and find out the meaning in a dictionary - can they use it in another sentence?
- Practise spellings sent home
- Learn how to spell the Y3 /4 spelling list - how many can your child spell accurately?
- Practise handwriting
- Go on mathematics and times tables rock stars
- Practise times tables - how many does your child know off by heart?
- Practise the written methods for the four operations
- Make chocolate crispy cakes and look at how a liquid changes to a solid - what changes does your child notice?
- Read/research the Anglo-Saxons - look at a map and identify Anglo-Saxon settlements using the place names
- Use BBC bitesize and learn more about Anglo-Saxon life
- Look at any major London landmarks your child can identify
- Locate any cities you have visited on a map
- Make a list of any counties you have visited
- Create your own comic strip
- Practise different sewing stitches at home
- Make a list of all of the different places of worship you see when you are out

Year 3 /4 word list

accident(ally)	disappear	interest	pressure
actual(ly)	early	island	probably
address	earth	knowledge	promise
answer	eight/eighth	learn	purpose
appear	enough	length	quarter
arrive	exercise	library	question
believe	experience	material	recent
bicycle	experiment	medicine	regular
breath	extreme	mention	reign
breathe	famous	minute	remember
build	favourite	natural	sentence
busy/business	February	naughty	separate
calendar	forward(s)	notice	special
caught	fruit	occasion(ally)	straight
centre	grammar	often	strange
century	group	opposite	strength
certain	guard	ordinary	suppose
circle	guide	particular	surprise
complete	heard	peculiar	therefore
consider	heart	perhaps	though/although
continue	height	popular	thought
decide	history	position	through
describe	imagine	possess(ion)	various
different	increase	possible	weight
difficult	important	potatoes	woman/women