

Year 5



At Orchard Academy we are

Ready



Respectful



Safe



Autumn Term 2 Biomes

English

This term we will be exploring Sagas. We are going to read Beowulf and use this as a stimulus for writing our own historical sagas, creating our own heroes, heroines and villains and focus on creating strong, descriptive narratives. We will also be writing our own kennings poems.

Maths

We will be focussing on addition and subtraction working towards using column methods to add and subtract larger numbers and decimals before moving on to explore multiplication and division developing our understanding of formal written methods.

Science

We will be building on our previous topic by looking at changes of materials. We will recover a solute from a solution, look at irreversible chemical changes and the effects of rusting and combustion.

Humanities

This term we focus on Geography and explore Biomes across the world. We will explore what causes the earth to be so diverse, how biomes influence human activity and how human activity affects biomes.

PSHE

In PSHE we will be celebrating differences between us. This term we explore how bullying has a negative and lasting impact of mental wellbeing. We will also look at comparing our lifestyles with those from the developing world, understanding and accepting different cultures.

Religious Education

We will be working to answer the question, 'Why do Christians believe that Jesus is the Messiah?' We will look at how Christians put their beliefs about Jesus' incarnation into practice in different ways.

Music

This half term we will learn the intent behind singing moving onto the fundamentals of composing. We will work in groups to create our own Christmas / Winter songs.

DT

We will be looking at cams this term and designing our own toys which use a simple cams mechanism to move. We will explore the different movements that can be achieved using cams and then build our own toys for Christmas.

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Key Vocabulary

English	Subordinate clauses, cohesion, purpose, brackets, relative
Maths	Frequency, statistics, multiple, product, divisible, angles, acute, obtuse, reflect
Science	Solute soluble, mixture, evaporate, dissolve
Humanities	Settlement, kingdoms, migration, invasion, artefacts
PSHE	Culture, racism, homophobic, discrimination, direct and indirect bullying
Music	Gospel, emotion, tempo, beat, timbre, rhythm
Art	Line, shape, structure, surrounding, purpose
Spanish	Las estaciones, El invierno, La primavera, El Verano, Hay cuatro estaciones
Computing	Algorithm, output, variable, input, sensor, selection, conditionals
RE	Messiah, gospel, messenger,
PE	Pop pass, pocket pass, attack, defend, offside

Computing

In Computing, we will be using physical computing to explore the concept of selection in programming through the use of microbit computers. We will learn how to connect and program it to control components.

Spanish

We will continue our learning of Spanish by recapping the language learnt last term and moving onto learning about reading and naming the date, days of the week and months of the year. We will build to speaking and writing a full sentence.

PE

We will learn how and why we warm up in different ways for different events, developing specific areas of fitness. In Tag Rugby, we will build on skills taught in year 4 to play advantage and restart after infringements.

Homework

Homework tasks will be sent home each week on a Friday which will include; maths fluency questions, spelling and grammar practice and a reading task. Homework is handed in each Wednesday.

How you can help at home

You can support your child at home by encouraging them to read everyday and ask them questions about the text. Continuing to practise times tables to build fluency. Practise the spellings sent home and talk to your child about what they are learning.