

Year 5



At Orchard Academy we are

Ready



Respectful



Safe



Spring Term 2

English

This term will be focused upon fiction. We will be exploring two different novels and focus on using imagery and suspense within stories to capture the attention and imagination of the reader. Within this, the children will develop their fluidity of writing dynamic and interesting stories, focusing upon building relatable characterisation and expression throughout. This will connect with their ongoing focus of inference in comprehension lessons.

Maths

Continuing on with using times tables, we will be focusing upon fractions and finding equivalent fractions, as well as converting them to percentages and decimals. We will be moving from using concrete and pictorial depictions of fractions to abstract, using our knowledge of multiplication to aid us. Then we will move onto measurement, thinking about perimeter, capacity and weight. From this we will explore metric and imperial versions of measurement and comparing.

Science

This term we will learn about living things, where we will learn about the life processes of a plant. We will understand the life cycle of mammals and be able to compare the life cycles of insects and amphibians. We will be exploring and researching the lifecycle of creatures.

Humanities

This term we will have the opportunity to learn about Mexico, where we will be able to identify it on a map and be able to identify the initial differences between Mexico and the UK. We will learn about the physical features of Mexico and begin to make geographical comparisons. We will learn to describe human and physical features of a place.

PSHE

This unit will explore the unit 'healthy me', where we learn about healthy and unhealthy lifestyles. We will explore the effects of smoking on the heart, lungs and liver. We will explore how to get help in emergency situations. We will learn about the media and celebrity cultures and how certain body types are promoted.

Religious Education

We will learn about Judaism and explore how the Torah is important to them in their daily life. We will learn about the Jewish beliefs about God. We will be able to identify the Jewish commandments and how they live. We will explore the differences between an Orthodox and Reform Jews.

Music

We will be focusing on developing rhythmic awareness and listening skills through practical elements. We will explore different drumbeats and use body percussion and vocals to mimic or follow this beat. We will be able to recreate and perform a drumming groove.

DT

We will be exploring frame structures, where we will be designing and making bond boxes. We will explore different joining techniques, testing their effectiveness. Our projects will include making a bird house for an outdoor environment. We will be able to evaluate our design against a set criteria.

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Key Vocabulary

English	Narrative, imagery, relative clauses, characterisation
Maths	Fractions, numerators, denominators, percentage, decimal, equivalent, imperial, metric
Science	Genes, tubs, reproduction, asexual, fertilisation
Humanities	Climate, location, equator, human features, physical features
PSHE	Healthy lifestyle, unhealthy lifestyle, lifestyle choices
Music	Body percussion, beat, rhythm, pattern, notation
DT	Reinforcing, framework, material, horizontal, vertical, bracket
Spanish	Un perro, Un gato, Un conejo, Un raton, Un hamster, Un pez
Computing	Condition, selection, sequence, code, outcome, modifying, true, false
RE	Judaism, Jews, Torah, ten commandments, Jewish people
PE	Compass, map, dynamics, position, balance

Computing

We will be developing our knowledge about selection by looking back on how conditions can be used within programming. We will use the 'if... then... else...' depending on the outcome depends on the condition being true or false. In scratch we will be developing and making our own quiz.

Spanish

Our theme will be Tienes una mascota? We will be able to ask somebody if they have a pet and give an answer back. We will be able to say in Spanish what pet we have/do not have and give our pets names. Start to use the simple conjunctions 'y' and 'pero' to make more complex and interesting sentences.

PE

This half term, we will be exploring and developing the inquisitive side of PE with orienteering and improving our creative skills in dance by focusing on learning different dances from the 1920s to the present day.

Homework

Homework will be sent home on Friday and returned Wednesday. It will include key spellings, time tables, a reading challenge and the option of a selection of topic based activities.

How you can help at home

Read Read Read! Share as many different opportunities to read as possible. Join the library. Share a comic. Research information online. Make spelling practice fun and colourful. Make all learning fun and real. Practice maths skills through cooking, measuring and shopping. Practice the times tables as a daily routine to ensure they are embedded. Introduce telling the time and please help your child tie their shoe laces!