

YEAR 5



At Orchard Academy we
are **Ready** **Respectful** **Safe**



SUMMER 2 SPACE

English

This term, students are exploring science fiction stories, revising **perfect verb forms**, using **speech**, and experimenting with techniques to create **dramatic tension**. They will also learn how to **summarise clearly** and structure a **newspaper report**, developing skills to present information concisely. Finally, students will revisit **figurative language**, exploring how similes, metaphors, and other techniques bring poetry to life.

MATHS

In maths, students are revisiting **measurement**, focusing on calculating the **area of compound shapes**. In **geometry**, they will practise measuring angles accurately and using a **protractor**. They will also develop their skills in **telling the time** and working with **statistics**, including interpreting and presenting data.

SCIENCE

In science, students are exploring **forces**. They will learn why **unsupported objects fall** due to gravity, and investigate the effects of **air resistance, water resistance, and friction** on moving objects. They will also explore how mechanisms such as **levers, pulleys, and gears** allow a smaller force to have a greater effect.

Humanities

In geography, students will explore **earthquakes**, examining their **causes** and the **physical and human impacts** they create. They will study **case examples**, such as **Japan**, to understand how communities are affected and respond to these natural events.

PSHE

In PSHE, students will be learning about **the body and development**, including how the body changes during **puberty**, the importance of **personal hygiene**, and the **emotional changes** that can accompany these physical developments.

RELIGIOUS EDUCATION

In RE, students will explore **belief in God**, investigating why some people have faith while others do not. They will also learn about **different religions** and how various interpretations shape what **God represents to different communities**.

MUSIC

In music, students will explore a **song from India and Pakistan**, focusing on **melody, accompaniment, and four-part singing in a round**. They will also have the opportunity to **create their own arrangements** of the piece.

DT

In DT, students will explore **biscuit recipes from different cultures** and create their own version of a **Fairtrade biscuit** inspired by the culture of their choice. They will also develop skills in **writing and following recipes** accurately.

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Key Vocabulary

English	Sci-fi, cohesion, parenthesis, structure, figurative language, cosmic
Maths	Protractor, angles, measurement, area, cubed, unit of measurement, time, statistics
Science	Forces, friction, air resistance, gravity, newtons, pulleys, levers
Humanities	Earthquakes, Japan, tectonic plates, core, epicentre
PSHE	Penis, vagina, vulva, hormones, body odour, periods, sperm,
Music	Tempo, pulse, composing, rhythm,
D&T	Cooking, recipe, testing, evaluate, culture, fair trade
Spanish	Clothes, tense, verb,
Computing	RAM, internet, packets, communication, hard drive, transfer
RE	Theory, religious thoughts, scientific belief, identity
PE	Throw, back stop, fielding, gear, steer, balance

Computing

In computing, students will learn how computers **connect and share information**, and how this allows people to **work together online**. They will also continue to **explore themes of safety and wellbeing** in their eSafety lessons.

Spanish

In Spanish, students will continue with a **space-themed topic**, learning new vocabulary while **practising their grammar and speaking skills**..

PE

In PE, students will **practise and improve their cycling skills**, focusing on balance, control, and safety. They will also develop their **throwing, batting, and running techniques** through **rounders**, working on teamwork, strategy, and coordination.

Homework

Homework will be sent home on **Friday** and returned **Wednesday**. It will include key spellings, timetables, maths practise, a grammar challenge and the option of a selection of topic-based activities.

How you can help at home

Read Read Read! Pick up a book, magazine, dictionary or comic and enjoy some time engrossed in what you read. Research information online. Look, cover, write, check those spellings! Make all learning fun and real. Practice maths skills through outdoor activities, use chalk, find numbers and multiply them. TTRockstars-practice the times tables as a daily routine to ensure they are embedded.