

# Year 6



At Orchard Academy we are

Ready



Respectful



Safe



# Autumn Term 2 Our World

## English

This half term, we have the joy of studying poetry through the book 'The Missing' by Micheal Rohsen, we are looking at how emotion, emotive language can shape the poem in the way the poet would like the reader understand. We are also looking at how to use suspense in our writing to create short stories.

## Maths

We are continuing to work through our calculation skills, learning how to multiply and divide both mentally and using an accurate written method. We will be working our way to the larger numbers and will use our secure knowledge of these operations to solve multi-step problems.

## Science

In science this term, our topic is 'Looking of Our Environment'. We are working towards understanding how to look after our environment both locally and globally. The scientific knowledge behind how climate change affects us is so important.

## Humanities

This term in Year 6 we will be studying a geography unit which is one of the most important we could study. We are looking at 'Our Planet' which runs hand in hand with our science topic this term. This will be looking at our Planet as a whole with studies of both the UK and the Pacific.

## PSHE

Our theme this half term is 'Celebrating Differences'. This second PHSE unit explores how bullying (including cyberbullying) has a negative and often lasting impact on mental health.

## Religious Education

In this unit of RE, we will be looking at the questions 'Why Do Hindu's Want to be Good?'. We will be learning about why Hindus work very hard on being good. What is their motivation and why are they dedicated to this.

## Music

In this unit, we will be exploring 'Shadows' in the first 3 lessons of this half term and 'Composing for Protest' for the second half. Within this unit we will be looking at the work of two UK artists, Lindsey Stirling and Tokyo Myers.

## DT

This half term is an exciting one for the children with Christmas approaching so in DT, we are looking at the theme 'Designer Bags'. They will eventually be able to design, make and evaluate their own cloth bag towards the end of the term - just in time to use over the Christmas holidays!

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## Autumn Term 2

### Key Vocabulary

English	Prose, verse, rhyme, rhythm, alliteration, allusion, blank verse, couplet.
Maths	Multiply, division, inverse, commutative, multi-step, calculate written methods, accurate.
Science	Landfill, Rubbish, Council, Biodegrade, Recycle, emissions, industrial revolution, COP, species, natural disaster, non-renewable resource.
Humanities	Climate, regions, weather, Greenhouse gasses, effect, cause, unpredictable, Sea levels rising, impact, ecosystems.
PSHE	Empathy, perception, disability, medication, blind, visual impairment, vision, stamina, perseverance, conflict, democracy, bullying, behaviour.
Music	Timbre, electric violin, acoustic violin/fiddle, rock hand guitars and drum, Distortion, orchestral violins, fusion, rock, impressionism, legato, decoration.
DT	Sturdy, fabric, leather, pattern, seams, worn, handles, design, back stitch, casing, edge stitch, embroidery.
Spanish	Los colores: rojo, Amarillo, azul, verde, gris, blanco, violeta, Naranja, arnon, negro, uno, dos, tres, cuatro, cinco, seis, siete, ocho, nueve, diez.
Computing	3D, shapes, select, move, perspective, view, Cylinder, placeholder, hollow, Rotate, duplicate.
RE	Atman, brahman, dharma, karma, moksha, samsara.
PE	Demonstrate, skills, leadership, opponent, technique, attacker, overcommitting, defence.

## Computing

In computing we will revisit online safety and continue to focus on this through the teaching of this term, unit 3D Modelling. Learners will develop their knowledge and understanding of using a computer to produce 3D models.

## Spanish

This half term, we are moving on to learning 'Los Colours y Los Numeros'. This means we will be learning to be able to say the colours and numbers in Spanish.

## PE

In PE this term, year 6 is aiming to be able to perform routines and a range of football skills seamlessly, demonstrate a range of leadership skills, know how to play within rules and how to resolve any disputes without adult intervention.

## 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 should be handed in on a **Wednesday**.

## How you can help at home

You can support your child at home by encouraging them to read every day 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.