

Year 4



At Orchard Academy we are

Ready



Respectful



Safe



Autumn Term 2 Water Cycle and Animals

English

We will be investigating Predatopedia an encyclopaedia all about predators. We will be using this to support the children develop their understanding of information texts. They will develop their understanding of how to find information quickly in information books and develop their skills in writing in a non-fiction style.

Maths

We will continue to secure written methods for addition and subtraction and we will develop their mental methods of multiplication by learning all the times tables this half term. We will develop their understanding of division. The children will also be consolidating their knowledge of time and then looking at the relationship between analogue a digit and 24 hour time.

Science

We will be investigating animals including humans and develop our understanding of how the digestive system works. We will investigate the different roles of the teeth in animals and how humans can help look after our teeth.

Humanities

This half term we focus on Geography. Our key enquiry is 'How do extreme events in the water cycle impact the ecosystem and society'. We are investigating the different parts of a river. We will then discover what causes droughts and how this affects the environment.

PSHE

We will explore the individuality of each person within the class. We will get to know each other, realising what each person within the class has in common and what their differences are. We will be developing their cooperation skills. The children will create their learning charter and agree on what the rules, responsibilities and consequences need to be in order to help everyone to get along and work well together.

Religious Education

The children will look at how Hindus celebrate Diwali. We are also going to discover where Hindus have settled in the UK and how they celebrate together.

Music

We are receiving music lessons from Milton Keynes Music service. The children will be learning to play in 2 and 3 parts and will be learning to play the recorder. This is to prepare them for clarinets in the Spring term.

Art

We will explore the work of Picasso and use their ideas to create a portrait. We will develop our drawing skills of faces improving our skills so we can create self-portraits. We will practise our shading and use of tone.

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Autumn Term 2

Key Vocabulary

English	Predator, prey, contents, index, page, title, sub-heading, bullet points
Maths	hour, minute, months, days, seconds, minutes, hours, fortnight, year, century, multiplication, division
Science	intestine, digestive system, oesophagus, stomach, absorb, molars, canines, incisors, enamel, tooth decay, cavity, consumer, predator, ecosystem, prey, produce, interdependence, hide, food web,
Humanities	Water cycle, river, source, oxbow lake, meander, waterfall, conservation, drought
PSHE	Rights, responsibilities, Democracy, Reward, consequence
Music	Notation, pitch, dynamic, choral, ostinato, rounds, recorder
Art	Structure, shell structure, purpose, corrugated, laminated, ribbed, folded, prism, cuboid, cylinder
Spanish	Las estaciones El invierno, La primavera, El Verano, El otoño, Hay cuatro estaciones
Computing	Soundproofing, equalization, scriptwriting, blog,
RE	Dharma, Puja, Aarti, Mandir, Diwali, Rangoli
PE	

Computing

We will identify the input device and output devices required to work with sound digitally. We will discuss the ownership of digital audio and the copyright implications of duplicating the work of others. We will then produce a podcast, which will include adding multiple tracks, and opening and saving the audio files.

Spanish

We will be introducing children to the four seasons. We will then use this vocabulary to start building sentences about the seasons.

PE

In PE, we will be exploring Gymnastics, Football and Swimming.

Homework

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