



Year 5 Curriculum Booklet

Term Autumn 1.2



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
School Values	Respect	Honesty	Friendship	Commitment	Understanding	Equality
Art and Design	Abstract Art Self-portraits	NA	Art or Vandalism? Graffiti Art	NA	Portraits Exploring Surrealism using collage	NA
Design Technology	NA	Structure: frame structures	NA	Electronics: complex switches	NA	Food: celebrating culture and seasonality
Computing	Online Safety 2 weeks Excel	Video creation	We are Game Developers (Kodu)	ECC: Drawing Architectural Design	BBC: Micro-Bit Data Handling	ECC: Music Rhythm & Beat making
English Reading	Who let the Gods out? Mythologica	Mark of the Cyclops An ancient Greek Mystery	Henry's Freedom box	The story of Slavery	Malala -My story of standing up for girls The Boy who swam with Piranhas	Wonder
English Writing	Narrative Non-chronological report	Narrative Letter Poetry	Diary Newspaper report	Narrative Letter Balanced argument	Biography Narrative Poetry	Narrative Newspaper report Non-chronological
Geography	Geography of Greece/ Earthquakes and Volcanoes	NA	North America/Map reading skills	NA	South America/ Deforestation	NA
History	NA	What impact did the Ancient Greeks have on the western world?	NA	Is Britain ashamed of slavery?	NA	Are we ever too small to make a difference?

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Mathematics	Place Value Addition and Subtraction Data Handling	Multiplication and Division Perimeter and Area	Multiplication and division Fractions	Fractions Decimals and percentages	Decimals Properties of shape and angles	Position and direction Converting units Volume
Music	Lean on Me Soul	Stop	Blackbird	Livin' On a Prayer Rock	Keyboard Course	Keyboard Course
Physical Education	Basketball	Gymnastics Swimming	Yoga	OAA	Tennis	Athletics Tennis
Personal, Social, Health, Economic Education	What makes up a person's identity?	What decisions can people make with money?	How can we access help in an emergency?	How can friends communicate safely?	How can drugs common to everyday life affect health?	What jobs would we like?
Religious Education	Caring for others, animals and the environment Sharing and being generous	Being loyal and steadfast Being hopeful and visionary	Being open, honest and truthful Being silent and attentive to and cultivating a sense for the sacred and transcendent	Participating and willing to lead Being modest and listening to others	Being temperate, exercising self discipline and cultivating serene contentment Being accountable and living with integrity	Being thankful Being imaginative and explorative
Science	How can different materials be separated?	How do chemical changes have an impact on our lives today?	How are mechanisms helpful?	What is the effect of the Earth turning on different places around the world?	How do the life cycle of mammals compare with other living things?	What is the impact of alcohol and drugs on the human body?
Mandarin	History of Chinese characters Radicals Stroke Classroom objects	Key words and sentences for mid-Autumn festival	Chinese New Year traditions and customs Pet and animals Family members	Parts of the body Measure words Food and drink items	Countries Nationalities Colours Time phrases Places in town Places to visit	Revision Cultural Project

Design Technology

**What will we be learning
about this half term**

Structures and their integrity.

We will be exploring how structures are built and how they are strengthened, before building our own structures that have strength and integrity.

Keywords

Structure

Tension

Integrity

Strength

Design

Evaluate

What you could do at home

Look at existing structures in and around the home. What strengthens them? How are they held up?

Exploring how buildings have changed and improved over time through images or videos.

Useful Websites



Computing

What will we be learning about this half term

Learners will learn how to create short videos by working in pairs or groups. As they progress through this unit, they will be exposed to topic-based language and develop the skills of capturing, editing, and manipulating video.

Keywords

Video

Editing

Storyboard

Filming

Camera

What you could do at home

Exploring video editing on your tablet or phones at home. Most phones or tablets have built in editing software you can use at home to practise skills and experiment.

Useful Websites



Reading

What will we be learning about this half term

To retrieve key information from a text by reading around the words.

To infer information from the text using clues and background knowledge new class text.

To summarise main points in the text.

Keywords

Context clues, key information, retrieval , infer, summarise, thoughts, motives, scan, locate

What you could do at home

Read with your child for at least twenty minutes every day, this could be a magazine, an online article or a book.

Useful Websites

booktrust.org.uk

bbc.co.uk/newsround

Writing

What will we be learning about this half term

This term the children will be writing a narrative, a persuasive letter and a poem.

We will be focussing on using precise and adventurous vocabulary, formal language, a range of punctuation (colons, dashes and brackets).

Keywords

Narrative: myths, legends, ethereal, fantasy and ambitious vocabulary

Non-fiction: civilisation, practices, rituals and systems

What you could do at home

Ask your child to write a story of their choice. Encourage them to use paragraphs and a range of punctuation, e.g. apostrophes, commas, brackets, etc.

Practise handwriting so that it is legible and cursive.

Useful Websites

Creative writing - KS2 English
- BBC Bitesize

Non-fiction - KS2 English -
BBC Bitesize

History

What will we be learning about this half term:

What impact did the ancient Greeks have on the Western world?

We will be describing what life was like during the ancient Greek civilisation. The children will explain the evolution of trade in ancient Greece and the importance of democracy in the past and present. Towards the end of the term, the children will compare and contrast Ancient Greece and Britain at different times in history.

Keywords

Civilisation, Chronology

BC and AD

Colony/colonisation, Settlement

Government

Trade, Coinage

Culture

Barter

Democracy

Empire

What you could do at home

Look at pictures of the civilisation in Ancient Greece and discuss what the children can see, then compare this to the western civilisation. What can they see? Can they identify any similarities or any differences?

Useful Websites



National Geographic for Kids



11 Ways Ancient Greece Influenced Modern Society

Mathematics

What will we be learning about this half term

Statistics

Multiplication

Division

Area

Perimeter

Keywords

Tables

Read and interpret

Multiply

Divide

Area

Perimeter

cm²

What you could do at home

Your children regularly playing TT Rockstar will help a lot with this half term's topics. If you can encourage them to play and help them with their speed and recall skills, it will transfer to their lessons.

Useful Websites



Music

What will we be learning about this half term

This term the learning is focused around one song: Stop! - a rap/song about bullying by Joanna Mangona. The children will learn about the interrelated dimensions of music through games, singing and composing.

Keywords

Pulse

Rhythm

Tempo

Pitch

Dynamics

Dimensions

Composition

What you could do at home

To help support the learning of rap music, provide opportunities to listen to a range of songs from that genre of music. Allow children to identify the pulse (the regular heartbeat of the music; its steady beat). Encourage conversations regarding the instruments they can hear and the meaning behind the songs they are listening to.

Useful Websites



BBC bitesize—popular music.

Physical Education

What will we be learning about this half term

Gymnastics

In this unit, pupils create longer sequences individually, with a partner and a small group. They learn a wider range of actions such as inverted movements to include cart-wheels and handstands. They explore partner relationships such as canon and synchronisation and matching and mirroring.

Swimming

Pupils focus on swimming more fluently and with increased confidence and control. Pupils work to improve their swimming strokes, learn personal survival techniques and how to stay safe around water.

Keywords

Physical shapes, balance, shape jumps, travelling movements, take-off and landing, barrel roll, straight road, physical: Front crawl, backstroke, breaststroke, surface dives, floating, huddle

What you could do at home

Swimming at local pool.

Encourage children to take part in a range of fitness activities to develop their components of fitness

Useful Websites

directory/17/
leisure_centres_and_facilities/
category/312

<https://www.youtube.com/watch?v=IkK3MGvYygY>



PSHE

What will we be learning about this half term:

The children will be learning about the decisions people can make with their money. We will focus on how people can spend and save their money. We will also look at how we can keep track of money so people know how much they have to spend or save. The children will also recognise what makes something 'value for money' and what this means to them. Towards the end of the term, we will look at the risks associated with money and how money can affect people's feelings and emotions.

Keywords

Money

Currency

Income

Salary

Wages

Employed

Counterfeit

Making decisions

Spending and Saving

What you could do at home

To support your child's learning for this topic, encourage conversations about the importance of money. Provide opportunities for your child to share what they have learnt in the classroom about the topic.

Useful Websites



BBC Bitesize: What is financial decision making?

Religious Education

What will we be learning about this half term

- being loyal and steadfast**
- being hopeful and visionary.**

This half term children will begin to understand that human hopes are often short term and fragile, alongside exploring how peace could be achieved through unexpected circumstances as long as you are committed to the intention.

Keywords

Hopeful, steadfast, visionary, loyal, commitment, intention, pilgrimage, Islam, Christianity.

What you could do at home

Discuss how what does commitment mean? What are the children committed to? How long does commitment need to last to be valid?

Is there something your child could commit to doing at home?

Useful Websites

reonline.org.uk

<https://www.bbc.co.uk/bitesize/subjects/z7hs34j>

Science

What will we be learning about this half term

This half term we will continue to look at properties and changing of materials.

- Investigating separating a substance from a solution.
- Identifying reversible and irreversible changes.
- Demonstrating that dissolving, mixing and changes of state are reversible changes.

Keywords

Mixture, solution, insoluble, evaporation, reversible, reactions, soluble.

What you could do at home

Investigate irreversible and reversible changes— is melting chocolate reversible?

Which products at home can be dissolved?

Useful Websites

<https://www.bbc.co.uk/bitesize/topics/zryycdm>

<https://www.stem.org.uk/resources/community/collection/12742/year-5-properties-materials>

