

YEAR 5

Curriculum Overview

Year 5 Overview for Autumn Term 1.1

Your Teaching staff are: Miss Ali, Mrs Hussain, Mr Khan and Mrs Afzal
Our Assistant Head Teacher is: Miss Gooch

The half term, our school value is: RESPECT

Reading:

This half term we will be:

- Reading a range of books at age- appropriate level, with accuracy, fluency and understanding
- Learning to skim and scan from the text confidently
- Responding to literal question – who, when, what, where, why
- Retrieving and recording information from texts
- Explaining word meanings
- Predicting information, events or ideas from text
- Learning to justify their answers using evidence from the text

Writing:

This half term – children will be looking at:

Writing to Entertain – Myths and Legends: Focus text: How to Train Your Dragon

We will be concentrating on:

- Using long sentences for description
- Using mood, tone and feelings to engage the reader

Writing to Entertain – Film Narrative Focus text: How to Train Your Dragon

- Using short sentences to create suspense
- Using a range of punctuation in speech sentences

Maths:

This half term we will introduce:

- Place value with numbers up to 1,000,000
- Rounding numbers up to 1,000,000
- Counting forwards and backwards in negative numbers and solving problems involving negative numbers in context
- Adding numbers mentally
- Addition with whole numbers over 4-digit-numbers
- Addition with decimal numbers

	Solving number problems
Science:	This half term we will be studying 'Earth and Space' Within this topic, we will learn about planets and the solar system. This includes the movement of the moon, the seasons, how we get day and night, the moon phases and life in space,
RE:	In RE, we will be exploring the following topics and religious teachings. Caring for Others, Animals and the Environment Marriage ceremonies Sharing and Being Generous The story of Mary and Martha Early church sharing Langar and Sewa Volunteer work
Non-Core:	Geography - Topic: Vikings Children will learn to use geographical skills to compare a range of maps to explore why the Viking settled in the UK. Design Technology – Mechanisms. Children will design and make a Viking Longboat, using cams to create movement.
PSHE:	We will be learning about - What makes a stereotype and what does it mean to challenge them? - Recognising & respecting similarities & differences between people - That they are a range of factors that contribute to a person's identity - Stereotypes and how they are not always accurate and can negatively influence behaviours and attitudes – gender – race – disability - Challenging stereotypes
PE:	PE will take place every Monday and Thursday. We will be learning about the fundamentals needed for football, OAA: problem solving and swimming.
Computing:	Our topic for this half term is 'Systems and Searching'. This incorporates learning about sharing information, the effective use of tools and networks.
Homework:	A reading book and homework will be given out weekly (Friday). The homework will have a range of questions linked to Maths, Writing and Reading. Please ensure Reading books and homework is returned by Tuesday.

Year 5 Overview for Autumn Term 1.2

Your Teaching staff are: Miss Ali, Mrs Hussain, Mr Khan and Mrs Afzal
Our Assistant Head Teacher is: Miss Gooch

The half term, our school value is: EQUALITY

Reading:

This half term we will be:

- Making inferences from different media- e.g. picture/video/audio
- Understanding the key vocabulary in inference questions e.g. impression/suggest
- Answering a range of inference questions (tick box/short response/long response)
- Inferring characters' feelings, thoughts and motives from their actions
- Justifying inferences with evidence from the text
- To make connections to prior knowledge (different texts/contents) to support inference and understanding
- Thinking critically when information in a text has not been stated explicitly

Writing:

This half term – children will be looking at:

Writing to Persuade – Persuasive writing: Focus text: A range of persuasive text

We will be concentrating on:

- Using complex sentences
- Using a range of logical connectives to link sentences

Writing to Persuade – articles: Focus text: A range of articles

- Learning to develop a viewpoint throughout the text
- Developing ideas within a paragraph
- Varying ways of linking ideas

Maths:

This half term we will introduce:

- Subtracting whole numbers with more than 4-digits
- Solving addition and subtracting multi-step problems in contexts
- Solving comparison, sum and difference problems using information in tables including timetables
- Completing, reading and interpreting information in tables including timetables
- Multiply and divide numbers mentally
- Multiply and divide numbers by 10, 100 and 1000 including decimal numbers and solving problems
- Squared and cubed numbers
- Prime numbers
- Measure and calculate perimeter

	Calculate and compare area of rectangles
Science:	This half term we will be studying 'Living things and their Habitats' Within this topic, we will find out about different animal life cycles and compare them and explore the word 'reproduction'. We will observe plants and learn about germination, pollination and seed dispersal.
RE:	In RE, we will be exploring the following topics and religious teachings. Being Loyal and Steadfast Charity work Being Hopeful and Visionary Advent and hope Hudaybiyya and peace
Non-Core:	History - Similarities and differences. Children will learn to make comparisons and contrast between life in different periods of time. Art – Painting Children will explore tints, tones and shades within a landscape, in the style of Van Gogh.
PSHE:	We will be learning about - What decisions can people make with money? - How people make decisions about spending and saving money - How to recognise what makes something 'value for money' - that there are risks associated with money – online purchases – in app purchases - to recognise the risks involved in gambling related activities, and the impact it might have – also online gaming
PE:	PE will take place every Monday and Thursday. The children will be learning the fundamentals of athletics and dodgeball.
Computing:	Our topic for this half term is 'Video Production'. This incorporates learning about designing and developing their own videos and creating media.
Homework:	A reading book and homework will be given out weekly (Friday). The homework will have a range of questions linked to Maths, Writing and Reading. Please ensure Reading books and homework is returned by Tuesday.

Year 5 Overview for Spring Term 2.1

Your Teaching staff are: Miss Ali, Mrs Hussain, Mr Khan and Mrs Afzal
Our Assistant Head Teacher is: Miss Gooch

The half term, our school value is INSPIRATION

Reading:	This half term we will be: • Drawing inferences from texts • Explaining word meanings • Using different strategies to read with meaning (picture cues, awareness of grammar, read around, analogy) • To check that the book makes sense • Discussing understanding and exploring the meaning of words in context • Exploring the closest meaning of words in a text • Articulating their learning and their understanding of texts read (metacognition).
Writing:	This half term – children will be looking at: Writing to Inform – Diary entry: Focus text: Who let the Gods out We will be concentrating on: • Using effective noun-phrases to engage the reader • Varying the place of the subject, object and verb within a sentence • Using complex sentences appropriately Writing to Entertain – Myths and Legends: Focus text: Who let the Gods out • Varying sentence structure using adverbials • Structuring speech sentences accurately
Maths:	This half term we will introduce: • Multiplying and dividing numbers mentally • Multiplying and dividing numbers up to 4-digit numbers • Problems involving the four operations • Comparing and ordering fractions • Equivalent fractions • Mixed numbers and improper fractions

	Adding and subtracting fractions
Science:	This half term we will be studying 'Properties and changes of Materials' (Part one). Within this topic, we will describe, compare and group materials according to their properties. We will explore how some materials dissolve in a liquid to form a solution and carry out an investigation to explore this. Children will learn key vocabulary to explain their findings.
RE:	In RE, we will be exploring the following topics and religious teachings. Being Open, Honest and Truthful The story of the Fib Jesus' teachings Being Attentive to the sacred as well as the precious Quiet time The ability to reason
Non-Core:	History - Historical enquiry Children will use a range of sources to explore what evidence tells us about the past. Design Technology – Food and nutrition. Children will be designing and making a filled Greek flatbread, with a side dish. They will learn about a range of utensils, equipment and types of food preparation skills.
PSHE:	We will be learning about - How will we grow and change? - About puberty and how bodies change during puberty, including menstruation - How puberty can affect emotions and feelings - How personal hygiene routines change during puberty - How to ask for advice and support
PE:	PE will continue every Monday and Thursday. This term children will learn the fundamentals of health related exercise and dance: street art.
Computing:	Our topic for this half term is 'Selection in Physical Computing'. This incorporates learning about programming and computing systems.
Homework:	A reading book and homework will be given out weekly (Friday). The homework will have a range of questions linked to Maths, Writing and Reading. Please ensure Reading books and homework is returned by Tuesday.

Year 5 Overview for Spring Term 2.2

Your Teaching staff are: Miss Ali, Mrs Hussain, Mr Khan and Mrs Afzal
Our Assistant Head Teacher is: Miss Gooch

The half term, our school value is DETERMINATION

Reading:	This half term we will be: - Explaining and discussing their understanding of what they have read - Summarising the main ideas drawn from more than one paragraph - Identifying key details that support the main ideas - Selecting specific reading material to summarise - Retrieving, recording and presenting information from non-fiction - Explaining and discussing their understanding of what they have read, including through formal presentations and debates, maintaining a focus on the topic and using notes where necessary. - Providing reasoned justifications for their view
Writing:	This half term – children will be looking at: Writing to Discuss – Arguments (one-sided) Focus text: A range of different argumentative texts We will be concentrating on: - Building long and short sentences for effect - Sustaining the viewpoint throughout a text Writing to Entertain – Poet's voice: Focus text: A range of different argumentative texts - Using metaphors to enhance description - Using personification effectively
Maths:	This half term we will introduce: - Multiplying proper fractions and mixed numbers by whole numbers - Reading and writing decimal numbers as fractions - Solving problems with fractions - Reading, writing and comparing numbers up to 3 decimal places - Rounding decimal numbers - Percentages
Science:	This half term we will be studying 'Properties and changes of Materials' (Part 2)

	Within this topic, we will be demonstrating that dissolving, mixing and changes of state are reversible changes. We will be explaining that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning, and the action of acid on bicarbonate of soda.
RE:	In RE, we will be exploring the following topics and religious teachings. Participating and Willing to Lead Leadership and community involvement Being Modest and Listening to Others The story of Jesus washing disciples' feet and contemporary foot washing The Last Supper and explanation Jesus' humility Prophet Isa's (Jesus) ascension
Non-Core:	Geography - Human and physical geography Children will explore mountains, islands and coastline formations. Art – Drawing Children will be learning about proportion and movement in figures. This will be linked to Greek pottery.
PSHE:	We will be learning about - How can friends communicate safely? • About the different types of relationships we have in our lives • How friends and family communicate together, how the internet and social media can be used positively • How knowing someone face to face differs from online • Recognising risk in relation to friendships • Safe content online, safe sharing, consent
PE:	PE will continue every Monday and Thursday. This term, the children will learn the fundamentals of gymnastics and OAA: communication and tactics.
Computing:	Our topic for this half term is 'Flat-file databases'. This incorporates learning about the effective use of tools and data information.
Homework:	A reading book and homework will be given out weekly (Friday). The homework will have a range of questions linked to Maths, Writing and Reading. Please ensure Reading books and homework is returned by Tuesday.

Year 5 Overview for Summer Term 3.1

Your Teaching staff are: Miss Ali, Mrs Hussain, Mr Khan and Mrs Afzal
Our Assistant Head Teacher is: Miss Gooch

The half term, our school value is: HONESTY

Reading:	This half term we will be: - Identifying language features, including figurative language. - Commenting on the author's language, structure and presentation of the text - Explain the impact on the reader - Describing, with examples, how the author has chosen a range of vocabulary to convey different messages, moods, feelings and attitudes. - Selecting reading material according to interest, purpose, difficulty-show greater knowledge of reading for different purpose: reflect this in choices. - Identifying formal and informal language and tone.
Writing:	This half term – children will be looking at: balanced arguments and classical stories set in the past. Writing to Discuss – Arguments (balanced): Focus text: Street child We will be concentrating on: - Sustaining ideas across a text - Using a range of techniques to link ideas Writing to Entertain – Classic stories set in the past: Focus text: Street Child - Varying sentence structure length and structure for effect - Balancing the use of speech
Maths:	This half term we will introduce: - Problem solving with numbers up to 3 decimal places - Multiplying and dividing numbers involving decimals - Problem solving with the four operations involving measure - Properties of shapes - Properties of angles - measuring and draw them

Science:	This half term we will be studying 'Forces' Within this topic, we will find out that unsupported objects fall towards the Earth because of the force of gravity and identify the effect of air resistance, water resistance and friction, that act between moving surfaces. We will also find out about some mechanisms, including levers, pulleys and gears.
RE:	In RE, we will be exploring the following topics and religious teachings. Being Temperate, Self-Disciplined and Seeking Contentment Turning the other cheek Jesus' reaction to injustice Practice of meditation Accepting personal responsibility Restraining from criticism of others Being Accountable and Living with Integrity Story of Jesus and the woman Robert Ingersoll – making others happy Treating cows as sacred The story of Qarun
Non-Core:	History – Chronological understanding Children will learn to explain how and why certain characteristics existed at the time and how they have changed since. Design and Technology - Structures Children will learn to design and make a bridge that spans a set distance and holds the weight of a toy train. They will be developing understanding of stiffening and strengthening.
PSHE:	We will be learning about – How exploitation can affect us and those around us • To understand what exploitation means • To recognise how a young person can be “pulled” into child exploitation • To recognise what child criminal exploitation might look like, and to understand the impact on the young person involved. • To know the term ‘grooming’ in reference to exploitation • To recognise how a young person can be “pushed” into child exploitation • To understand the difference between being a victim and a criminal

	• To know how to differentiate between positive and negative influences • To recognise the qualities that make a positive role model • To being able to confidently explore your options and aspirations • To understand how to identify concerns • To acknowledge the emotional impact of supporting others • Understanding our role in influencing others
PE:	PE will continue every Monday and Thursday. This term children will learn the fundamentals of tennis and cricket.
Computing:	Our topic for this half term is 'Vector drawing'. This incorporates learning how to use different drawing tools effectively to help them create images.
Homework:	A reading book and homework will be given out weekly (Friday). The homework will have a range of questions linked to Maths, Writing and Reading. Please ensure Reading books and homework is returned by Tuesday.

Year 5 Overview for Summer Term 3.2

Your Teaching staff are: Miss Ali, Mrs Hussain, Mr Khan and Mrs Afzal
Our Assistant Head Teacher is: Miss Gooch

The half term, our school value is: FRIENDSHIP

Reading:	This half term we will be: • Recognising a wider range of poetry and poets • Articulating what they have read and understood from the poems • Discussing their preferences and can learn a wider range of poetry by heart - perform individually or in groups. • Participating in a range of drama activities with confidence and pleasure and can demonstrate appropriate intonation, tone and volume when performing. • Identifying and commenting on expressive, figurative and descriptive language to create effect in poetry and prose.
Writing:	This half term, children will be looking at 2 different genres. Writing to Entertain – Film Narrative: Focus text: Oliver Twist • Use different narrative techniques to engage and entertain the reader • Varying the length of paragraphs • Varying speech layout Writing to Persuade - Speech: Focus text: There's a Rang – Tan in my Bedroom We will be concentrating on: • Using language to evoke the reader • Using conclusions to summarise a text
Maths:	We will introduce: • Reflection and translation • Metric conversions • Problem solving with units of time • Volume • Problem solving involving measure
Science:	This half term we will be studying 'Animals including humans.'

	Within this topic, we will find out about changes as humans develop to old age and recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.
RE:	In RE, we will be exploring the following topics and religious teachings. Being Thankful By words, actions, worship and money Being Imaginative and Exploratory Expressions in art and dance
Non-Core:	History – Chronological Understanding Children will learn to use a full range of evidence to respond to historical questions. Geography – Human and physical geography/geographical skills and fieldwork Children will be exploring how human and physical geography contribute to the economy (Mexico) Art - Sculpture Children will be exploring Aztec art and creating a sculpture inspired by the natural world.
PSHE:	We are learning about the topic - What jobs would we like? • Exploring a broad range of jobs • That some jobs are paid and others voluntary • Different ways into jobs and careers (college, apprenticeships) • About the skills, attributes, qualifications, and training needed for different jobs • Challenging stereotypes about the types of jobs people can do • How we might choose a career when we are older
PE:	PE will continue every Monday and Thursday. This term children will learn the fundamentals of athletics and hockey.
Computing:	Our topic for this half term is 'Selection in quizzes'. This incorporates learning about algorithms and programming.
Homework:	A reading book and homework will be given out weekly (Friday). The homework will have a range of questions linked to Maths, Writing and Reading. Please ensure Reading books and homework is returned by Tuesday.