Curriculum Overview
Grasshoppers (Year 4) Spring Term 2024

Interconnected Question: Would you rather live in the Stone Age, Bronze Age or Iron Age?

Key Texts	Anticipated Writing Outcomes
Stone Age Boy - Satoshi Kitamura How to wash a woolly mammoth - Michelle Robinson Stig of the Dump - Clive King	Instruction writing Narrative writing - developing character, setting and atmosphere
History	**Design and Technology**
• Begin to understand the terms Stone Age, Iron Age and Bronze Age and organise chronologically • Find out what was needed to survive the 'old' Stone Age • Explain what was 'new' about the New Stone Age • Explain what life was like in Bronze Age Britain • Investigate how Celtic people lived (Iron Age)	• Research the type of food Iron Age people ate • Learn about seasonal sourcing of ingredients in the Iron Age • Understand bread was a key part of the Iron Age diet • Learn how cereals were ground in the Iron Age • Plan and make Iron Age bread

Discrete Subjects

Maths

Multiplication and Division A

- 9 times table and division facts
- The 3, 6 and 9 times table
- Multiply and divide by 7
- 7 times table and division facts
- 11 times table and division facts
- 12 times table and division facts
- Multiply by 1 and 0
- Divide a number by 1 and itself
- Multiply 3 numbers

Multiplication and Division B

- Factor pairs
- Use factor pairs
- Multiply by 10
- Multiply by 100
- Divide by 10
- Divide by 100
- Related facts - multiply and divide
- Informal written methods for multiplication
- Multiply a 2-digit number by a 1-digit number
- Multiply a 3-digit number by a 1-digit number
- Divide a 2-digit number by a 1-digit number (1)
- Divide a 2-digit number by a 1-digit number (2)
- Divide a 3-digit number by a 1-digit number
- Correspondence problems
- Efficient multiplication

Length and Perimeter

- Measure in kilometres and metres
- Equivalent lengths (km & m)
- Perimeter on a grid
- Perimeter of a rectangle
- Perimeter of rectilinear shapes
- Find missing lengths in rectilinear shapes
- Calculate the perimeter of rectilinear shapes
- Perimeter of regular polygons
- Perimeter of polygons

Fractions

- Understand the whole
- Count beyond 1
- Partition a mixed number
- Number lines with mixed numbers
- Compare and order mixed numbers
- Understand improper fractions
- Convert mixed numbers to improper fractions
- Convert improper fractions to mixed numbers
- Equivalent fractions on a number line
- Equivalent fraction families]
- Add two or more fractions
- Add fractions and mixed numbers
- Subtract 2 fractions
- Subtract from whole amounts
- Subtract from mixed numbers

Decimals A

- Tenths as fractions
- Tenths as decimals
- Tenths on a place value chart
- Tenths on a number line
- Divide a 1-digit number by 10
- Divide a 2-digit number by 10
- Hundredths as fractions
- Hundredths as decimals
- Hundredths on a place value chart
- Divide a 1 or 2-digit number by 100

Science

Animals incl humans

- Describe the simple functions of the basic parts of the digestive system in humans
- Explain the process of digestion using scientific language
- Identify different types of teeth in humans and their simple functions
- Discuss how to keep teeth healthy
- Make simple predictions in response to an investigation
- Make observations and explain ideas in response to an investigation
- Construct food chains and explain them using scientific terminology

States of matter

- Compare and group materials together, according to whether solids, liquids or gases
- Observe that some materials change when they are heated or cooled
- record/measure/research temperatures at which some materials change in degrees Celsius
- Identify the part played in evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

Religious Education

Is the Cross a symbol of love, sacrifice or commitment for Christians?

- Understand the term sacrifice
- Understand why Christians see the cross as a symbol of sacrifice
- Understand why Christians see the cross as a symbol of love
- Be able to explain why Christians may choose to wear a cross
- Relate the symbol of a cross to the context of the Easter story

When Jesus left, what was the impact of Pentecost?

- Understand the story of Pentecost
- Discuss what happened during Pentecost and its importance
- Examine how Pentecost is represented in Art
- Learn about the importance of the Holy Spirit in Pentecost
- Imagine and discuss what the Kingdom of God is like
- Imagine and discuss what the world might be like without the Holy Spirit

Geography

How could we improve Partridge Green?

- Locate our local area using maps, atlases and digital mapping
- Map out the local area in detail
- Use fieldwork skills to observe and record features in the local area
- Present and explain fieldwork research using geographical terms
- Use eight points of the compass to give directions

Computing

Vector Drawings

- identify that drawing tools can be used to produce different outcomes
- create a vector drawing by combining shapes
- use tools to achieve a desired effect
- recognise that vector drawings consist of layers
- group objects to make them easier to work with
- evaluate my vector drawing

Flat File Databases

- use a form to record information
- compare paper and computer-based databases
- outline how grouping and then sorting data allows us to answer questions
- explain that tools can be used to select specific data
- explain that computer programs can be used to compare data visually
- apply my knowledge of a database to ask and answer real-world questions

Physical Education	Modern Foreign Languages
Dance ● Choreograph planned dances by using, adapting and developing actions and steps from different dance styles ● Confidently use dynamics to express different dance styles ● Use direction and patterning to express different dance styles ● Confidently use formations, canon and unison to express a dance idea. ● Perform dances expressively, using a range of performance skills, showing accuracy and fluency **Badminton** ● Develop the range of shots used in the games they play ● Develop their range of serving techniques appropriate to the game they are playing ● Use a variety of shots to keep a continuous rally. ● Demonstrate effective footwork patterns to move around the court. **Football** ● Develop control when S&R under pressure ● Select and apply a variety of dribbling techniques to game situations ● Explore creating tactics with others and applying them to game situations. ● Developing tracking and marking with a variety of techniques and increased success ● Move to create space for themselves and others in their team. **Tag Rugby** ● Develop control when S&R under pressure. ● Explore creating tactics with others and applying them to game situations ● Develop tracking and marking with a variety of techniques and increased success. ● Move to create space for themselves and others in their team.	**Family** ● Remember nouns for family members in Spanish ● Describe a family in Spanish by name, age and relationship **Classroom objects and commands** ● Recall from memory a selection of nouns and indefinite articles for common classroom objects ● Learn how to use the negative in Spanish ● Describe what we have and do not have in our pencil cases using ‘y’ (and)’ and pero (but) ● write simple sentences describing what they have/don’t have in their pencil case using ‘y’ (and)’ and pero (but)

Music	Relationships Sex and Health Education
Charanga Unit ● Appraise a piece of music using musical language; learn to sing and perform it ● Begin to create a graphic score for a familiar piece of music ● Improvise a response to a musical phrase **Pentatonics** ● Know what a pentatonic scale is and how to play pieces of music using one ● Know some features of minimalist music ● Improvise using a pentatonic scale ● Understand what an ostinato is ● Create an ostinato rhythm and assign notes to it ● Modify an ostinato using techniques of subtraction, addition and transposition ● Rehearse and perform a composition	**Dreams and Goals** ● Hopes and dreams ● Broken dreams ● Overcoming disappointment ● Creating new, realistic dreams ● Achieving goals ● Working in a group celebrating contributions, resilience and positive attitudes **Our Locality** ● Staying safe around dogs (Dogs Trust) **Healthy Me** ● Healthier Friendships ● Group Dynamics ● Smoking ● Alcohol ● Assertiveness Peer Pressure ● Celebrating Inner Strength **Our Locality** ● Crossing a road independently inc Partridge Green High Street

Art and Design
● Explore proportion and tone when drawing ● Plan a collaged composition ● Use shading techniques to create pattern and contrast in a finished collaged composition