



Half-Term Curriculum Overview



Year 5 Autumn 1 - 2016

English

This term we will be learning to:

- **Reading:**
- Understand how a writer engages the reader through direct address and questioning.
- Understand how a writer uses structure to engage a readership.
- Understand how a writer puts an argument across.
- **Writing:**
- Plan, write and edit effective adventure stories.
- Use inverted commas to punctuate speech, using characterful dialogue.
- Plan, write and edit effective newspaper reports.
- Use flashbacks and write out of sequence to engage a readership.
- Write in past, present and future tenses at correct points in stories and reports.
- Write convincing discussions to prove points.
- **Speaking and listening:**
- Talk about an issue and discuss the positive and negative aspects of said issue.
- Listen to other children's opinions to inform a judgement.

Mathematics

This term we will be learning:

- To understand place value of digits up to a million.
- To use standard methods to solve addition, subtraction, multiplication and division problems.
- To multiply and divide by 10, 100 and 1000 mentally.
- To convert Roman numerals.
- To round numbers with up to 3 decimal places.
- To round numbers to estimate answers.
- To understand equivalences between fractions, decimals and percentages.
- To solve fraction number problems.
- To solve percentage problems involving money.
- To solve decimal calculation problems.

Number Facts

This ½ term we are going to be practising **all** the times tables!

At home, we would like you to practise squared numbers and inverse equivalents. (E.g.: If $3 \times 3 = 9$, the square root of $9 = 3$.)

Science – CRIME SCENE INVESTIGATES

This half-term we will be learning to:

- Make hypotheses relevant to a scientific investigation based on real world knowledge.
- Collect accurate data and present and analyse in various forms (bar charts, graphs).
- Make observations based on questions or ideas under assessment.
- Select appropriate equipment and information sources.
- Explain why certain methods and techniques are relevant to the investigation.
- Identify scientific evidence when drawing conclusions.
- Draw conclusions which use more than one piece of evidence.

Homework

- **Learning Logs:** Children choose a *minimum* of 5 activities to complete over the term. The learning log is to be returned to school on the final week of the term. However, teachers may ask children to bring them in at regular intervals to check progress children are making.
- **Maths:** mymaths.co.uk homework is to be completed weekly.
- **Spellings:** A test each **Friday** and new spellings to be learnt given out on a **Friday**.
- **Reading:** To be practiced regularly. Books are changed when necessary.
- **Home/School Records:** Please ensure these are sent into school every day.

History / Geography – RIVERS & WATER

- To understand process of the Water Cycle.
- To understand the different structural features of rivers.
- To explain how a waterfall is formed over time.
- To understand geographical terms such as erosion, accumulation and precipitation.
- To find rivers on maps, locally and worldwide.
- To know facts about UK rivers.
- To understand why towns and cities settle on rivers.

Computing

- To learn how to communicate on *Showbie*.
- To type and design an information booklet.
- To enter formulae into a spreadsheet to solve calculations, including using =SUMO.
- To change the format of cells of cells using: text alignment, borders and data types.

PE

- To develop and refine a range of movements in a Gymnastics performance
- To work with others to develop complex gymnastic sequences
- To play in a team to help and support each other
- To use a range of attacking and defending tactics during hand and ball games (i.e. basketball, netball, handball)

Art / D&T

- To use pencil to make close observational studies.
- To create detailed self-portraits.
- To look at Cubist artists and form opinions on their work.
- To adapt Cubist styles to use in our own artwork

RE and PSHCE

- To understand what Muslim worship looks like.
- To know the features of a mosque.
- To explain the importance of empathy
- To explain the feelings we might have in new situations.

Music and MfL

- **Music:** To listen with attention to detail and recall sounds with increasing aural memory.
- To improvise and compose music for a range of purposes using the inter-related dimensions of music.
- **Spanish:** To use vocabulary related to daily routines, time and opinions.

SMSC

During assemblies this term children will learn about the values of the Paralympics, their rights and responsibilities and about famous Scientists around the world. They will explore the importance Rosh Hosanna has on the Jewish Faith. Taking part in a democratic vote to elect members of the school council will help them understand that each person has an equal right to be heard in a democratic society. School trips across the term will allow the children to respond positively to artistic, sporting and cultural opportunities.



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- ✓ Visit the Parkfield website to: read the latest class news, look at photo slideshows and go to the Parents' Zone to access resources to help you support your child learn at home!
- ✓ Ask your child to login to Edmodo to do online writing and maths tasks at home!
- ✓ Click on the Bug Club link to access the school's exciting online reading scheme.
- ✓ Access School Gateway to pay for school dinners and trips.