



# Half-Term Curriculum Overview



Year 5 Summer 1 - 2016

## English

- **Reading:**
- To comment on ways writers present themes and issues.
- To compare openings of novels and those which explore similar themes.
- To understand different character viewpoints and recognise stories as allegorical.
- To understand writers' techniques used to describe or for different purposes.
- **Writing:**
- To plan, write and edit effective narratives, persuasive letters, recounts and instruction.
- To use a variety of sentence structures and openers.
- To split narratives into threads and structure stories around them.
- To write well-structured paragraphs.
- To write for different purposes using a range of specific strategies.
- **Speaking and listening:**
- To recite poetry with dramatic precision.
- To read fluently and with expression to classmates.
- To develop ideas through discussion.

## Mathematics

- To solve addition, subtraction, multiplication and division problems using standard methods.
- To solve multi-step word problems.
- To use a variety of mental strategies to solve problems arithmetically.
- To multiply and divide using fractions.
- To solve problems involving fractions.
- To compare and order fractions.
- To solve problems involving decimal numbers with up to three decimal places.
- To multiply and divide using decimals using knowledge of equivalent fractions and percentages.
- To know the properties of 2-d and 3-d shapes.
- To understand how nets work and design a variety.

## Number Facts

This ½ term we are going to practice the **all the** times tables.

The **Number facts** we would like you to practice at home are: 7,8,12 times tables.

## Science – All Living Things

- To describe the differences in life cycles of a mammal, an amphibian, an insect and a bird.
- To describe the reproductive processes of plants and some animals.
- To understand how humans develop through to old age.
- To research the work of naturalists such as David Attenborough.
- To understand the differences between animal life cycles in different climates (rainforests, deserts, etc).
- To understand animal life cycles in prehistoric periods.
- To grow plants from sections of a parent plant and observe growth.
- To create scientific data charts to show correlations between growth and time.

## Homework

- **Learning Logs:** Children choose a *minimum* of 6 (KS1) or 8 (KS2) 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](http://mymaths.co.uk) homework for pupils in Y2 – 6 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 – The Land of the Mayans

- To recognise the similarities and differences between our own culture and that of the Mayans.
- To understand why the Mayan civilisation came to an end.
- To understand how a Mayan village would be structured geographically.
- To understand where in the world the Mayans were located, using map skills and identifying local landmarks and geographical features.
- To use historical deduction skills to make suggestions as to what certain artefacts represent.
- To understand Mayan culture, including architecture, clothing and customs.

## Computing

- To detect and correct errors in programs (syntax and logical bugs).
- To design and program games that include variables (e.g. for a score counter) and changing object properties (e.g. the speed and direction of a moving car).

## PE (Cricket)

- To explain some important safety principles when preparing for exercise.
- To compare and comment on skills, techniques and ideas that they and others have used.
- To follow and develop rules in a game situation
- To throw, catch, field and bat effectively in a game situation.

## Art / D&T

- To design and build a Mayan temple with a moving pulley system using materials of our own choice.
- To decorate the designs in keeping with Mayan culture.
- To evaluate the final products and make suggestions for improvement.

## RE and PSHCE

- To understand the dietary requirements of Jewish people and the Biblical reasons for these choices.
- To understand stories in the Old Testament and their bearing on religious practice.

## Music and MfL

- **Music:** To play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.
- **Spanish:** To be able to use plurals in a sentence.

## SMSC

In assemblies we will be asking why we make promises to one another. We'll also be looking at the importance of keeping healthy and how we can do this through a healthy lifestyle. We'll also discuss other themes including: Teamwork, Perseverance and Kindness. All children across the school will take part in an educational visit this half term – these include visits to the art gallery, theatre, zoo, library and many more. As always, Rev. Wall will visit school for a special assembly each week and tell a story from the bible whilst making children think about how it relates to them.



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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.