



# Half-Term Curriculum Overview



Year 6 Summer 2016

## English

- **Reading:** To refine detailed answers, using proof from the text
- To explain effects on a reader
- To explore language choices
- To predict and infer based on the text
- To select relevant information
- **Writing:** To use an appropriate writing style
- To use ICT to research and develop writing
- To be able to use basic punctuation confidently
- To explore grammatical terms
- To use subordinate clauses and embedded clauses
- To use a wide range of punctuation and connectives
- To write in a variety of styles for a purpose.

## Mathematics

- To calculate area and perimeter.
- To refine written methods of the four operations
- To develop mental recall and calculations
- To use number facts to explain reasoning
- To use and apply percentages and fractions
- To use number and calculations appropriately
- To explain number strategies
- To understand fraction, decimal and percentage equivalence.
- To understand common denominators
- To measure angles appropriately
- To understand the terms factor, multiple and square numbers.
- To use and apply calculations to solve word problems

## Science – How does your circulatory system work?

- To understand parts of the heart
- To understand the function of the lungs.
- To understand how the heart functions
- To investigate the circulatory system
- To investigate patterns in breathing
- To understand the function of veins and arteries

## Homework

- **Learning Logs** Children choose a *minimum* of 6 activities to complete over the ½ term. The learning log is to be returned to school on the final week of the ½ term. However, teachers will ask children to bring them in at regular intervals to check progress children are making.
- **Maths:** [mymaths.co.uk](http://mymaths.co.uk) homework is to be completed weekly.
- **Number Facts: All times tables and any LEARNITS**
- **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.

## History / Geography – What's in London?

- To use maps and atlases to locate, compare and contrast areas.
- To understand how parts of the UK are different.
- To apply data and present in a range of ways.
- To understand impacts of tourism.
- To use open and closed questions.
- To understand the impact of changes in the local area
- To understand the terms brownfield and greenfield.

### Computing

- To understand how binary numbers work.
- To create and edit a stop motion animation.
- To create an animated GIF.
- To compare different responses to potentially hazardous online situations and select which are the safest.

### PE (Athletics)

- To be able to demonstrate stamina in athletic events
- To use their athletics skills in different situations
- To show precision, control and fluency when jumping and throwing
- To choose appropriate warm ups and cool downs and teach others when necessary

### Art / D&T

- To design on a large scale.
- To apply ratio to design scale
- To measure accurately
- To choose appropriate materials
- To use a detailed design sign, including measurements.

### RE and PSHCE

- To talk about myself; understanding my feelings; managing my feelings; understanding the feelings of others; discussing social skills and make the right choices.
- To improve understand of Islam and know the features of a mosque.

### 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 use simple first person verbs.

### SMSC

We will be celebrating the Queen's 90<sup>th</sup> birthday and completing a range of activities to mark this momentous occasion. During assemblies we will be discussing themes such as trust, champions and moving on. We'll be gathering as a school to celebrate the diversity of countries playing at the 2016 European football championships. Every class across the school will take part in a visit – including the Jewish museum, Quarry Bank Mill and Smithills farm. 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 brand new reading scheme.