



Half-Term Curriculum Overview



Year 6 Spring 1 - 2016

English

This half term we will be learning to:

Reading:

- Read stories and make links to other stories we know.
- Understand how writers choose language to create atmosphere
- Infer and deduce feelings, emotions and ideas.
- Make a prediction based on the text

Writing:

- Plan, write and deliver persuasive articles.
- To orally recite persuasive adverts (T4W).
- To structure a persuasive advert
- To plan a persuasive advert
- To explore a variety of persuasive devices

Speaking and listening:

- Use role-play debates surrounding the Titanic
- Share and develop ideas on given subjects before writing.
- Understand how to move from script to an activity.

Mathematics

- To solve multi-step problems involving fractions and percentages, using calculators when appropriate.
- To mentally calculate using decimals and integers
- To use efficient written methods involving whole numbers and decimals
- Use approximations, inverse operations and tests of divisibility to estimate and check results
- To estimate, measure and draw angles
- To use coordinates
- To transform shapes (reflection, translation and rotation).
- To estimate, measure and convert metric units of measurement, weight and capacity
- To explain reasoning using words, symbols and conclusions.
- To use tables to help solve problems
- To interpret data.
- To read data in a variety of forms
- To construct bar charts, line graphs and pie charts.
- To identify the mode, median, mean and range.
- To put data into a table.

Science – Light

- To understand the concept of light and its related vocabulary.
- To understand how light enters our eyes
- To understand the different kinds of light.
- To understand the speed of light
- To investigate the impact of refraction when working with mirrors.
- To investigate translucent and transparent materials.
- To understand the effect of light when submerged in water.

Homework

- **Learning Logs:** Children choose a *minimum* of 8 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 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 **Monday**.
- **Reading:** To be practiced regularly. Books are changed when necessary.
- **Home/School Records:** Please ensure these are sent into school every day.

History / Geography – What made the unsinkable sink?

- To be able to put the events of the Titanic's sinking in chronological order.
- To research some of the survivors of the tragedy.
- To debate the causes and events leading up to the sinking of the Titanic.
- To recognise the different social classes of the 1900s and how they affected life on-board.
- To analyse data involving passengers and crew.
- To compare and contrast the lives of each different social class.

Computing

- To create flowcharts showing how steps of algorithms are linked together.
- To create programs which solve calculations using data stored in variables.
- To design and program games that include conditional events, score variables and time limits.

PE

- To compose and develop a complex Gymnastics routine using apparatus where appropriate
- To develop control and fluency when carrying out actions (balance, jumps, rolls, twists & turns)
- To evaluate and improve their own and others work
- To understand why we have to warm up and cool down and suggest suitable stretches and exercises

Art / D&T

This term we will be learning to:

- Explore abstract ideas relating to colour.
- Use a variety of media to experiment with artistic ideas in a style of Michael Gutteridge
- To evaluate and redraft a piece of work..

RE and PSHCE

- **RE:** Understand the significance of Islamic rituals. Understand the importance of a mosque for Muslims. Understand Islamic religious practices.
- **PSHCE:** 'Say No to Bullying' - what it is, how it feels, why people bully, how we can prevent and respond to it, and how children can use their social, emotional and behavioural skills to tackle this crucial problem.

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 begin to use some simple third person verbs. To begin to use adverbial phrases to describe where, when and how.

SMSC

During assemblies children will be talking about new challenges they will face in the new year, they will also discuss other themes such as creativity, co-operation and forgiveness. They will also look at how Chinese New Year is celebrated throughout the world and many classes will be visiting a place of worship this half term. In class, children will be looking at the importance of setting and achieving personal goals.



www.parkfieldict.co.uk

- ✓ 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!