



# Half-Term Curriculum Overview



Year 5 Spring 2 - 2017

## English

- **Reading:**
- To compare the openings and themes of different stories and novels.
- To understand how a writer is putting across a viewpoint.
- To develop personal opinions on reading matter and argue their judgements politely with their peers.
- To understand deliberately obscure poems.
- **Writing:**
- To plan, write, edit and proof-read science-fiction stories, scientific reports and formal letters.
- To choose vocabulary to deliberately affect a reader.
- To structure science-fiction stories effectively.
- To use settings to generate mood.
- To use shifts in time and place to create plots with more than one narrative thread.
- **Speaking and Listening**
- To plan story structures orally and listen to others' ideas to help make improvements.
- To make small presentations to the class and adults on given subjects. (Including Year 5 assembly)

## Mathematics

- To solve addition, subtraction, multiplication and division problems using standard methods.
- To solve problems using bar modelling.
- To convert measurements from m – km, etc.
- To know rough equivalences between metric and imperial measurements.
- To solve time problems.
- To calculate areas and perimeters of shapes.
- To solve problems presented in line graphs.
- To read timetables and solve related problems.
- To estimate and solve capacity problems.
- To decide which representations of data are most appropriate and why.
- To solve simple algebra problems.

## Number Facts

This ½ term we are going to practice the **12** times tables. The **number facts** we would like you to practice at home are all the times tables, at a quick-fire pace, in any order, to ensure speedy mental arithmetic.

## Science – Forces

- To recognise forces in action and give further examples of said forces.
- To know scientific vocabulary related to forces.
- To identify effects of air resistance, water resistance and friction.
- To recognise that some mechanisms such as pulleys and gears require less force for similar effects.
- To plan how to investigate hypotheses related to forces.
- To conduct a fair test in scientific conditions.
- To explain conclusions based on information gathered and analysed.

## 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](http://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.
- **Library Books** can be changed by Y5 at dinner time on a Monday.
- **Home/School Records:** Please ensure these are sent into school every day.

# History / Geography – The Tudor Timeline

We will be learning to:

- Understand how the monarchy system in Britain works.
- Know the different monarchs of the Tudor period and be able to sequence their reigns on timelines.
- Understand how Henry VIII changed the church and the world forever.
- Understand why Queen Mary was known as Bloody Mary and our relationship with Spain.
- Use research skills to find information on events of the Tudor period.
- Understand the differences between life during the Tudor period and life today.

## Computing

- 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).
- To use generate random numbers in code.
- To test and debug errors found in programs.

## PE

- To make a complex or extended sequence, combining action, balance and shape.
- To perform consistently to different audiences.
- To compose their own dances in a creative and imaginative way using controlled movements.
- To perform to an accompaniment, expressively and sensitively showing clarity, fluency, accuracy and consistency.

## Art / D&T

- To build a puppet theatre using wood and other materials of the children's choice.
- To use electrical systems to make characters and props "come to life."
- To design and modify designs as problems occur.
- To evaluate the success of the theatres.

## RE and PSHCE

- To understand why Jesus was betrayed.
- To know the events of the Easter story.
- To explain the meaning of sustainable living.
- To be able to identify the positive impact of sustainable living.
- To explain conservation and the impact it has on our lives.

## Music and MfL

- **Music:** To understand about the pentatonic scale. To use and understand vocabulary including: beat, rhythm, pitch and dynamics. To be able to listen to others when performing together using musical instruments.
- **Spanish:** To develop sentences using infinitives.

## SMSC

In assemblies we will be asking why Lent is an important time of the year for Christians. We'll also be discussing: what our aspirations are, what we can learn from St. Patrick and the importance of mother's day. We will also learn about Holy week and Easter and why this is such an important time in the calendar. All children will take part in the annual church Easter Service. In class they'll be learning about sustainability and how we can reduce, reuse and recycle to help the environment. The whole school will also take part in fundraising activities to raise money for Red Nose Day.



[www.parkfieldprimary.com](http://www.parkfieldprimary.com)

- ✓ 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.