



# Half-Term Curriculum Overview



Year 3 Spring 1 - 2016

## English

- **Reading:** to read books that are structured in different ways and read for a range of purposes. To draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence. to identify how language, structure and presentation contribute to meaning.
- **Writing:** To use prefixes and suffixes and understand how to use them. To spell homophones. To place the apostrophe accurately in words with regular plurals and in words with irregular plurals. To plan their writing by discussing and recording ideas. To draft and write by composing and rehearsing sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures.
- **Speaking and listening:** To give well structured descriptions, explanations and narratives for different purposes.

## Mathematics

- To add and subtract fractions with the same denominator within a whole. To compare and order unit fractions and fractions with the same denominator. To recognise and use fractions as numbers e.g.  $\frac{1}{4} + \frac{3}{4} = 1$ .
- To use known multiplication and division facts to generate new facts including TU X U.
- To measure, compare, add and subtract mass. (g,kg)
- To subtract numbers HTU using column subtraction.
- To tell and write the time from an analogue clock, including where Roman numerals have been used, and 12-hour and 24-hour clocks. To estimate and read time to the nearest minute.
- To use mental strategies to work out TU x U.

## Number Facts

This  $\frac{1}{2}$  term we are going to practice the **4** times tables. The **Number facts** we would like you to practice at home are:  
 $1 \times 4 = 4$ ,  $2 \times 4 = 8$ ,  $3 \times 4 = 12$ ,  $4 \times 4 = 16$ ,  $5 \times 4 = 20$ ,  $6 \times 4 = 24$ ,  
 $7 \times 4 = 28$ ,  $8 \times 4 = 32$ ,  $9 \times 4 = 36$ ,  $10 \times 4 = 40$ ,  $11 \times 4 = 44$ ,  
 $12 \times 4 = 48$

## Science – Rock Detectives

- To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.
- To describe in simple terms how fossils are formed when things that have lived are trapped within rock.
- To recognise that soils are made from rocks and organic matter.
- To gather, record, classify and present data in a variety of ways to help in answering questions.
- To record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.
- To report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.
- To use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.

## 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](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.

# Geography – Volcanoes, mountains and earthquakes

- To describe and understand the key aspects of the physical geography of volcanoes, mountains and earthquakes.
- To learn about the different layers that make up the earth.
- To label the cross-section of a volcano.
- To use an atlas to locate mountain ranges and volcanoes around the world.
- To study the effects of a volcanic eruption focussing on Pompeii.
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## Computing

- To use logical reasoning to explain how simple algorithms work.
- To write code that includes conditional events (e.g. run commands when objects hit).
- To design and share an app.
- To test and debug any errors in programs.

## PE

- To throw and catch with control when under limited pressure during basketball and handball games.
- To be aware of space and use it to support teammates and cause problems for the opposition.
- To know and use rules fairly to keep games going.
- To explain why it is important to warm up and cool down.

## Art / D&T

- To explore the use of colour to improve their mastery of art and design techniques.
- To learn about great artists in history studying the work of Roy Lichtenstein.
- To learn about the development of Pop Art.

## RE and PSHCE

- **RE:** To learn about the signs of Allah's creation.
- To learn that Muslims believe Allah is the Creator and that human beings are the best of his creation. Angels and Jinn are created by Allah.
- **PSHCE:** 'Say No to Bullying' - what it is, how it feels, why people bully, how we can prevent and respond to it

## Music and MfL

- **Music:** To develop a sense of musical appreciation.
- To learn about the orchestra and instrumental families.
- **MFL:** To use adjectives relating to colour
- To respond to questions

## SMSC

In assemblies we will be talking about New Year's resolutions. This will be followed up in class looking at the why we set ourselves goals and how we change our habits to achieve them. In assembly we will also look at the differences and diversity within our community, looking at how each person contributes to the society in which we live. Heroes in our lives, ambitions and attitudes are other themes that will be addressed during the half term. We will also look at how Chinese New Year is celebrated throughout the world in addition to the history and importance of St. Valentine's Day.

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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.