



# Year 6

Guide To

Spring Term 2

2017



Our curriculum at Summerlea is creative and designed to forge links between the different areas of learning. Each topic we study is led by a driving question to get us thinking. We have listed the **main** curriculum areas that will be addressed by each question and have given a brief outline of what we will be learning.

This half term our driving question will be...

## “What Would You Do?”

**Geography:** As the driver for our topic, we will be focusing on natural disasters and tsunamis in particular. As part of this, children will learn about: the properties of the Earth’s layers; how volcanoes are formed; why earthquakes occur and their effects; how tsunamis occur; how to keep safe in a tsunami; and the impact of natural disasters on people and the environment.

**English:** Addressing the question ‘*What would you do?*’, children will present their findings and understanding of what happens when a tsunami hits through their own, fictional eye-witness account based on a real-life event. We will then discuss what we would do if Rustington was a tsunami hazard zone and generate advice documents for residents and advertisements for ‘tsunami’ pods/rescue devices. Finally, children will be given the opportunity to demonstrate their use of figurative language when creating tsunami poetry.

**Revision:** Children will have regular Independent Study sessions when they can revise areas of learning that they feel less confident on. During these sessions, adults will work with children who have ‘signed up’ for extra support and they will get time to use revision websites and apps (which are also available at home).

## Maths:

### Our main objectives are to:

Use simple formulae; generate and describe linear number sequences; express missing number problems algebraically; find pairs of numbers that satisfy an equation with two unknowns.

Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts; solve problems involving similar shapes where the scale factor is known or can be found; solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

Draw 2D shapes using given dimensions and angles; compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons; recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.

Describe positions on the full coordinate grid (all four quadrants); draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius; interpret and construct pie charts and line graphs and use these to solve problems; calculate the mean as an average.

Use common factors to simplify fractions; use common multiples to express fractions in the same denomination; compare and order fractions, including fractions  $> 1$ ; generate and describe linear number sequences (with fractions); add and subtract fractions with different denominations and mixed numbers, using the concept of equivalent fractions; multiply simple pairs of proper fractions, writing the answer in its simplest form [for example  $14 \times 12 = 18$ ]; divide proper fractions by whole numbers [for example  $13 \div 2 = 16$ ]; recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.

***Any help at home with learning number facts, times-tables and telling the time would be beneficial! Please also use the DoodleMaths app regularly.***

***Talk to your child's Class Teacher for other ways to help.***

# Year 6 news and information

## **The team:**

*Mrs Howard (Cherry Class Teacher and Upper KS2 Phase Leader)*

*Mr Fauvel (Elder Class Teacher)*

*Mrs Barton (Learning Support Assistant)*

## **Important/Exciting Events:**

*World Book Day: Thursday 2<sup>nd</sup> March*

*Parent Consultation Evenings: Thu 2<sup>nd</sup>, Tue 7<sup>th</sup> and Wed 8<sup>th</sup> March*

*Residential/SATs meeting: Thursday 16<sup>th</sup> March*

*Poetry Day: Tuesday 21<sup>st</sup> March*

*Comic Relief Day: Friday 24<sup>th</sup> March*

*'Dragon's Den' enterprise week beginning 27<sup>th</sup> March*

## **PE Days:**

*Mondays*: indoor PE

*Wednesdays*: outdoor PE

*NB: We ask that your child has their PE kit in school every day as there may be unforeseen timetable changes or additional activities planned. Please ensure this comes straight back into school if they take it home after a sports club.*

## **Homework:**

*Spellings*: set on a Friday, tested on a Thursday

*Maths*: set on a Thursday, due in the following Monday

## **Coats/snacks/drinks and equipment:**

*Please ensure your child has appropriate clothing for cold/wet weather as we will often still go out when it is raining and remember to ensure they have a separate jumper for outdoor PE. We ask that every child has a water bottle in school and that break time snacks are put in the class box as soon as they come in in the morning. Children only need one pencil case in school and this must fit into their drawers.*

## **Maths and Reading clubs:**

*Maths club will continue on a Thursday morning (7.45am) with the addition of an after school club on Tuesdays with Mrs Tedbury. Mr Trahern will also be leading a reading club on a Friday morning (7.45am) in the lead-up to SATs. If we feel your child would benefit from this extra support, we will let you know.*

*Please don't hesitate to get in touch with your child's class teacher if you have any concerns or queries; our doors are always open.*