

Curriculum Overview for Year 6 Autumn 2 2017

These English units will be linked to the topic 'Heroes and Villains'.

Reading

Recognising themes within and across texts e.g. heroism.
 Inferring characters feelings, thoughts and motives from their actions, justifying inferences with evidence e.g. Point : Evidence: Explanation.
 Explaining the effect on the reader of the authors' Make comparisons within and across texts e.g. same scene in play script, narrative and film versions.

Prepare play scripts to read aloud and perform using dramatic effects.

Investigate and collect a range of synonyms and antonyms e.g. *heroic, bold, courageous, daring, fearless, gallant, noble, valiant, cowardly, fearful, meek.*

English

Writing

Draw on similar writing models and reading.
 Select appropriate vocabulary and language effects, appropriate to task, audience and purpose, for precision and impact.

Introduce and develop characters through blending action, dialogue and description within sentences and paragraphs.

An information text containing a mixture of non-fiction text types and forms

Writing

Finding examples of where authors have broken conventions to achieve specific effects and using similar techniques in own writing, e.g. repeated use of 'and' to convey tedium, one word sentence.
 Interesting and engaging poem(s) which use powerful imagery.

Spelling, Punctuation and Grammar will be taught on a daily basis

Art & Design

Using the skills and understanding they have learnt from drawing portraits pupils will develop a portrait of a villain or hero from their imagination. They will use a comic strip style to develop characters in English.

Computing

In computing children will use repetition, selection and variables in programs. They will design and create programs using decomposition to accomplish specific tasks or goals. They will use logical reasoning to develop systematic strategies that can be used to debug algorithms and programs. They will use the Purple Mash programming software to create simulations

Fractions, Decimals and Percentages

- Compare and order fractions, including fractions > 1 (including on a number line).
- Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.
- Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.
- Associate a fraction with division and calculate decimal fraction equivalents (e.g. 0.375 and $\frac{3}{8}$).
- Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

Mathematics

- Multiply simple pairs of proper fractions, writing the answer in its simplest form (e.g. $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$).
- Divide proper fractions by whole numbers (e.g. $\frac{1}{3} \div 2 = \frac{1}{6}$).
- Find simple percentages of amounts.
- Solve problems involving fractions.
- Solve problems which require answers to be rounded to specified degrees of accuracy.

Solve problems involving the calculation of percentages (e.g. of measures and such as 15% of 260) and the use of percentages for comparison.

Mental arithmetic

Children will perform a weekly arithmetic test on Thursdays.

Design & Technology

Children have designed and built earthquake proof buildings linked to their Geography topic. They have also made a Christingle for the Advent Service.

Geography

Pupils will be taught to describe and understand key aspects of:
 physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes.
 human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.

Modern Languages

Mandarin is taught this half term

Music

Some children will perform in the school choir in preparation for the Advent Service in Church. The whole class will prepare and perform a Christmas song as part of the Advent Service. Pupils will also take part in hymn singing during collective worship.

Science

Children will: Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. They will recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. Children will describe the ways in which nutrients and water are transported within animals, including humans. They will know that the heart is a major organ and is made of muscle and that the heart pumps blood around the body through vessels and this can be felt as a pulse. Finally, they will learn that the heart pumps blood through the lungs in order to obtain a supply of oxygen and that blood carries oxygen and essential materials to different parts of the body

History

This subject isn't taught this half term.

Physical Education

Pupils will be taught to:

- Use a range of skills to keep possession and make progress towards a goal or target on their own and with others.
- Choose when to pass or dribble, so they keep possession and make progress towards the goal.
- Use a range of tactics to keep possession of the ball and get into positions to shoot or score.

Religious Education

Our whole school worship theme is 'Compassion' and our RE topic is 'How do Christians prepare for Advent?' We will be looking at the following points for discussion: What is Advent? When is Advent? Why is Advent a time of preparation? What is being prepared for during Advent? Pupils will also look at the observance of Advent in Church; the themes of the Advent wreath – The Prophets, Mary and The People of God and the story of John the Baptist.

