

Westfield School Junior House

Curriculum Information for Upper Two

Autumn Term 2020

Mathematics



This term in maths we will study:

Place Value

- Place value in 5-digit numbers
- Place 5-digit numbers on a line; round
- Place 6-digit numbers on a line; round
- Deepen understanding of 6-digit numbers

Addition and Subtraction

- Column addition
- (4- and 5-digit numbers)
- Decimal and money addition
- Column subtraction; choose strategies
- Revise addition and subtraction

Decimals and Fractions

- Divide by 10/100;
- 2-place decimals
- 1- and 2-place decimals on a line; compare
- Add/subtract multiples of 0.1/0.01
- Subtract decimals with 1 or 2 places
- Mixed numbers and fractions of amounts
- Add/subtract equivalent fractions

Measures and Data

- Understand metric and imperial units
- Timetables and intervals: 24 hour clock
- Perimeters: composite and rectilinear
- Regular and irregular areas; volumes
- Temperature and negative numbers

Multiplication and Division

- Multiples, factors and word problems
- Primes, divisibility, mental strategies
- Grid method and short multiplication
- Division of big numbers vertical layout

English








This term we will be basing our English work around the following set texts:

- Gothic Fantasy – Goth Girl and the Ghost of a Mouse
Through Chris Riddell's *Goth Girl* & the *Ghost of a Mouse*, children explore how atmosphere, settings & characters are created. They produce maps, give a guided tour of Ghistly-Gorm and explore character through illustration and drama. They then write an extra chapter, applying what they have learnt, including adverbs of possibility, commas, relative clauses, and dialogue and sentence punctuation.
- UFOs and Aliens: Investigating Extra-terrestrial Visitors
Using the context of UFOs, children explore recounts investigating genuine documents, discussing famous sightings and researching notorious hoaxes (*UFOs and Aliens: Investigating Extra-terrestrial Visitors - Extreme!* by Paul Mason, *UFO Diary* by Satoshi Kitamura). Children write a diary entry and create their own hoax UFO photo and report.
They will do this using adverbial of time, space and number, using commas correctly; using expanded noun phrases.
- Read and memorise poems from *I Like that Poem*, chosen by children and edited by Kaye Webb. Children gather together poems they like into an anthology and write two of their own. They find out how to use modal verbs and parenthesis.
- Journey to the River Sea, where the girls will:
 - Explore a longer, character driven narrative.
 - Explore complex characterisation.
 - Read widely and for pleasure.
 - Develop and articulate opinions on a fictional narrative.
 - Explore and debate key themes within a narrative.

This will link with the girls' studies on Brazil and the Amazon.

They will also carry out a study on exciting sentences to improve and enhance their creative writing.

<p>Science</p> 	<p>Earth and Space</p> <ul style="list-style-type: none"> • Describe the movement of the Earth, and other planets, relative to the Sun in the solar system. • Describe the movement of the Moon relative to the Earth. • Describe the Sun, Earth and Moon as approximately spherical bodies. • Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. <p>Living things and Their Habitats</p> <p>Linked with our Geography topic on Brazil and the Amazon we will study:</p> <ul style="list-style-type: none"> • the differences in the life cycles of a mammal, an amphibian, an insect and a bird • the life process of reproduction in some plants and animals
<p>Humanities</p> 	<ul style="list-style-type: none"> • In Geography we will learn about the location and countries of South America, learn about the location, climate, animals, plants and people of the rainforests. Finally, we will study the threats to the rainforests and look at ideas for sustainable development. • In History, we will study the Vikings and learn about the Viking invasions, Viking settlements, Alfred the Great, unification and the end of the Viking era.
<p>Computing</p> 	<ul style="list-style-type: none"> • Internet safety • Multi-media presentations create, edit, refine and present to an audience. • Touch typing skills
<p>R.E.</p> 	<p>In RE this term, Upper Two will learn about Islam. They will study significant events in the life of the Prophet Mohammed.</p>
<p>French</p> 	<p>Exploring France and Café Conundrum</p> <ul style="list-style-type: none"> • To broaden our knowledge of the geography of France and widen our awareness of cultural traditions. • To order drinks and snacks in a café • To say and order multiples of 10 to 100 • To describe mealtimes and expressions of frequency.