

**Westfield School Junior House
Curriculum Information for Year 6
Spring Term 2023**

English



Our **non-fiction** work will cover recounts and information texts. We will cover the following objectives:

Comprehension

- Identify and discuss themes in and across a wide range of writing
- Make comparisons in and across texts
- Identify how language, structure and presentation contribute to meaning
- Discuss and evaluate how authors use language, considering the impact on the reader

Composition

- Note and develop initial ideas
- Draft by selecting appropriate grammar and vocabulary.
- Evaluate and edit texts by assessing the effectiveness of one's own writing.

Grammar

- Recognise the difference between vocabulary typical of informal speech and the vocabulary appropriate for formal speech and writing
- Propose changes to grammar and punctuation to enhance effects and clarify meaning
- Revise the use of apostrophes for contraction
- Use conjunctions, adverbs and prepositions to express time and cause
- Use commas to clarify meaning and avoid ambiguity in writing (clauses)

Our **fiction** unit this term will focus on the theme of 'historical stories' using the texts War Horse (Michael Morpurgo) & War Game (Michael Foreman). After half term, we will study a range of Shakespearean plays and will investigate idioms, language use and characterisation. Over the term we will cover the following objectives:

Comprehension

- Draw inferences such as inferring characters' feelings, thoughts and motives from their actions
- Predict what might happen
- Participate in discussions about books, building on ideas and challenging views courteously

Composition

- Identify the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
- Note and develop initial ideas, drawing on reading and research where necessary
- When writing narratives, consider how authors have developed characters and settings
- Select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- In narratives, describe settings, characters and atmosphere and integrate dialogue to convey character and advance the action

**Westfield School Junior House
Curriculum Information for Year 6
Spring Term 2023**

- Assess the effectiveness of their own and others' writing
- Propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- Proof-read for spelling and punctuation errors

Grammar

- Study different types of sentence construction.
- Identify and use expanded noun phrases.
- Use a wide range of devices to build cohesion within and across paragraphs

Our **poetry** unit will be based on **Villainous Characters** and we will take inspiration from the poems 'The spider and the fly' (Mary Howitt) and The Raven (Edgar Allan Poe)

We will complete weekly comprehension tasks, creative writing exercises and spelling tests.

**Westfield School Junior House
Curriculum Information for Year 6
Spring Term 2023**

Mathematics



Decimals

- Understand thousandths
- Multiply and divide three decimal place numbers by 10, 100 and 1,000
- Multiply and divide decimals by integers
- Convert fractions to decimals and decimals to fractions

Percentages

- Understand percentages
- Convert fractions and decimals to percentages
- Calculate a percentage of an amount

Algebra

- Understanding formulae and expressions
- Solve one-step and two-step equations
- Find pairs of values

Shape

- Area and perimeter of a triangle
- Area of a parallelogram
- Volume of a cuboid

Ratio

- Calculate ratios
- Understand scale factors
- Complete ratio and proportion problems

Problem-solving and reasoning activities will be taught throughout the term.

There will be a mini assessment after each unit of study.

**Westfield School Junior House
Curriculum Information for Year 6
Spring Term 2023**

Science








Our first topic is Evolution and Inheritance. We will learn that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. We will identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution and will investigate why living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.

After half term we will study **Animals including humans.** We will learn to identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. We will examine the impact of diet, exercise, drugs and lifestyle on the way our bodies function and will investigate the ways in which nutrients and water are transported within animals and humans.





Throughout both topics we will develop our scientific skills by:

- Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- Recording results using scientific diagrams and labels, tables, scatter graphs, bar and line graphs
- Using test results to make predictions to set up further comparative and fair tests
- Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
- Identifying scientific evidence that has been used to support or refute ideas or arguments

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Curriculum Information for Year 6
Spring Term 2023**

<p>Computing</p> 	<p>We will continue to improve our Coding skills and will use Scratch software to:</p> <ul style="list-style-type: none"> • Understand the principles of the code behind computer games • Explore the concept of manipulating event handlers • Learn about drag and drop programming • Explore the commands required to draw shapes and make characters speak and move • Discuss gaming ideas and use coding to create our own games <p>After half term we will discuss online safety and will learn about computer networks.</p>
<p>French</p> 	<p>This term we will:</p> <ul style="list-style-type: none"> • Learn how to conjugate regular er verbs in the present tense • Learn the names of items of clothing • Learn how to describe what someone is wearing, revision of colours and the practice of adjectival agreements • Learn about Easter in France
<p>History</p> 	<p>We will continue our topic of 'The changing power of monarchy from 1066 – present' with an investigation of the reign of Queen Victoria. We will make comparisons between Elizabeth I, Victoria and Elizabeth II.</p> <p>We will also study the abdication crisis of 1936 and will learn about the growing power of parliament and the development of the role of Prime Minister.</p>
<p>Music</p> 	<p>Keyboard project</p> <ul style="list-style-type: none"> • Learn how the keyboard developed over time and identify different types • Learn the importance of 'warm up's' • Demonstrate understand of playing the piano through correct fingering and posture • Learn simple scales • Compose a short piece of music on the keyboard using correct notation • Understand how to read simple notation
<p>Geography</p> 	<p>In geography we will focus on mapping skills. We will learn to:</p> <ul style="list-style-type: none"> • Use maps, atlases, globes and digital/computer mapping to locate countries • Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build our knowledge of the United Kingdom and the wider world • Name and locate counties and cities of the United Kingdom • Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones

**Westfield School Junior House
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Spring Term 2023**

<p style="text-align: center;">R.E.</p> 	<p>Our topic is 'The influence of Faith on Believers' and we will consider:</p> <ul style="list-style-type: none"> • How and on what basis do religious people make moral and ethical choices? • What are the key elements of Jesus' teaching which Christians use as a basis for their values, morality and lifestyle? • What do the concepts of love and forgiveness mean? • How practical and effective is it to try to apply Jesus' teaching to moral and ethical dilemmas today?
<p style="text-align: center;">Art</p> 	<ul style="list-style-type: none"> • Use of different lines to create texture e.g. cross hatching, waves, diagonal lines, 3D lines • How to create different tones to create the illusion of light and shadow • Using drawing skills and techniques to create realistic still-life sketches • A sketch pad and sketching pencils would be useful for this term's topic • The effect of different lines and tones in the work of Vincent Van Gogh
<p style="text-align: center;">PE</p> 	<ul style="list-style-type: none"> • Netball - further development of fundamental skills including passing, catching, footwork small sided games, positions on court. • Badminton- Grip, coordination, serving and rallying with a partner. • Dance – Movement patterns, set steps and styles of dance and choreography.
<p style="text-align: center;">PSHE</p> 	<p>Our first theme will be 'Community'. We will discuss compassion towards others, valuing diversity, challenging discrimination and stereotypes.</p> <p>Our second theme will be 'Money and Work'. We will cover job interests and aspirations; influences on career choices; workplace stereotypes; influences and attitudes towards money.</p>