



RED HOUSE  
SCHOOL

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Dear Parents

### **Year 6 Subject Summaries: Spring 2022**

We are delighted to welcome the children back to what promises to be a very busy and exciting Spring Term! Below, I have outlined an overview of the topics that your children will be studying this term.

#### **English**

During the Spring Term, Year 6 pupils will be reading the class novel 'Carrie's War'. They will continue to work on spelling, punctuation and grammar and they will write descriptive narrative and poetry. They will also improve their comprehension skills with a particular focus on inference and deduction.

#### **Maths**

Pupils will consolidate and extend their written methods for long multiplication and division (for whole numbers and decimals). They will solve multi-step problems involving addition and subtraction in context. They will classify and identify properties of quadrilaterals and draw polygons with accuracy using a ruler and a protractor. Knowledge of multiplying fractions and primes, multiples and factors will be extended. Data work will include: calculating the average of a set of numbers, constructing and interpreting line graphs and pie charts. They will begin to use a formula to describe a sequence. Proportional reasoning will be extended to include ratio. Pupils can also consolidate their learning at home by using the Active Learn website.

#### **Science**

The pupils will complete their investigation of electrical circuits and explore how the brightness of a bulb can be changed. They will also begin to study the topics of 'Changes of State' and 'Dissolving'. They will consolidate their ideas about changes which can be reversed and explain and interpret everyday observations related to 'Changes of State'. Pupils will also explore how materials can be changed by creating mixtures where powdered solids may be soluble or insoluble. They will explore the topics through investigative work focusing upon making observations and measurements, by identifying patterns in results and suggesting explanations for observations and conclusions in terms of scientific knowledge and understanding.

#### **Art**

This term, pupils will consolidate their understanding of Art Nouveau and the artist Hundertwasser and complete their mix media doorway design.

#### **French**

During the Spring Term, pupils will learn to talk about school subjects and express their opinions of them. They will also gain an understanding of the school system in France. They will continue to

gain confidence in manipulating numbers and consolidate telling the time, with the aim of being able to describe their timetable.

### **Physical Education**

Girls: During this term, pupils are offered the opportunity to improve and develop their existing knowledge of tactics and rules within hockey and netball. In swimming, pupils will develop their technique in all 3 basic strokes and their individual performances will be recorded and monitored. Pupils will also be given the opportunity to take part in House competitions in all of these activities this term.

### **Physical Education**

Boys: During this term, pupils are offered the opportunity to improve and develop their existing knowledge of tactics and rules within football and hockey. In swimming, pupils will develop their technique in all 3 basic strokes and their individual performances will be recorded and monitored. Pupils will also be given the opportunity to take part in House competitions in all of these activities this term.

### **Geography**

In Geography, the pupils will be completing the British Isles unit and then they will start the 'Rivers' topic. They will learn about the processes in a river system, including erosion, transport and deposition. They will also learn how landforms such as waterfalls, ox-bow lakes and deltas are formed.

### **History**

In History, pupils will complete their topic about the Ancient Greeks, before studying the legacy and how our lives today are shaped by the past. Pupils will consider how Greek philosophers, mathematicians and how democracy has defined the modern world. Pupils will also begin a new topic and start to learn about Ancient Rome, starting with an understanding of the power of the Roman Army.

### **Computing**

The pupils will explore the use of Excel to create spreadsheets and learn how they can be used. They will develop skills in creating tables, formatting cells and entering specific formulas to complete multiple calculations in order to solve real-life problems involving themes such as: sports league tables, test scores and budget planning.

### **Music**

Pupils' awareness of musical notation will be developed further through short theory and playing tasks. They will listen to and compose phrases of rhythm and melody. Pupils will also listen to music that depicts creatures, movement or events and respond to this through art, poetry or description.

### **PSHE**

The pupils will consider the importance of keeping fit and having a balanced diet. They will also consider the health effects and laws relating to legal and illegal drugs. Pupils will begin to

understand the risks of substance abuse and develop a range of skills to resist peer pressure, as well as knowing where to seek help, advice and support.

## **RS**

This term, pupils will explore Christianity in a unit where they learn about the key aspects of the Easter story. Pupils focus on the question 'was Jesus' death part of God's plan'? The children will consider 'free will' and 'determinism' and will reflect on these concepts in their own life. Finally, the children will look at the choices they make in their life and how these could be influenced by external factors.

## **Technology**

Initially this term, Design Technology will be teamwork and design focussed as pupils will be forming teams of 4 pupils to design and race model Formula 1 cars. The successful teams will enter a competition later in the year and race their creations against other schools. In the past this has been face-to-face, but this year the cars and the design folders will be sent to race HQ and the events will be streamed into school. As the term progresses and the focus changes, pupils will be taught aspects of 3D drawing that they will use throughout their Design Technology studies.

I do hope you find this information useful so that you can support your child in their learning. If you have any questions or queries, please get in touch: [vicky.smith@redhouseschool.co.uk](mailto:vicky.smith@redhouseschool.co.uk)

Yours sincerely



**Mrs V Smith**  
**Assistant Head of Junior School**