



## Year 6 Curriculum overview – Summer Term 2021

### English

We begin our English this term by looking at a major historical event – the sinking of the Titanic! Through this stimulus we will firstly research and take effective notes on the history of this major event. From these notes we will create a non-fiction Titanic report. Following on from our research we will engage in a debate about the sinking. The children will have to justify their reasoning and practice their public speaking. Further work will involve imagining ourselves as a passenger on board and writing a diary entry of our experiences. Finally, we will write persuasive letters attempting to convince the captain not to set sail on this doomed voyage!

Our next unit will focus on poetry and we will be analysing poems and attempting to write in the style of the author. There will also be opportunity to perform our poems.

Ongoing with these units, we will continue to work on our grammar, spelling and punctuation knowledge.

### Maths

This term we will be continuing with Power Maths. This term sees us working on the areas of:

Geometry – properties of shapes. In this unit we will: measure with a protractor; draw shapes accurately; look at angles in triangles; look at angles in polygons; opposite angles; equal distance; parts of a circle and nets of shapes.

Problem solving. In this unit we will solve problems using: place value; negative numbers; all four operations; fractions; decimals; percentages; ratio; time; position and direction and properties of shapes.

Statistics. In this unit we will look at: the mean; pie charts and line graphs.

We will also continue to use Century in school and at home to reinforce and strengthen maths skills.

### Reading

In reading sessions the children will begin the week with a vocabulary boost session. In these sessions the children will explore around a given word and will be exposed to higher level vocabulary which they will practice using in sentences. Further reading sessions will consist of reading and responding to texts through questioning and modelling of responses and responding to questions independently.

We will also have time for independent reading sessions, where the children can display their love of reading through enjoying a text of their own choice and by visiting the library to choose new books. As we progress through the term we will also be reading a class text together.

### Religious Education

What matters most to Christians and Humanists?

In this unit we will be looking at firstly, how the Christian faith shapes a person's view of the world and how they deal with dilemmas in life. We will then compare and contrast this view with that of Humanists - considering how their view of the world shapes how they deal with events in their lives.

## History

Who were the Viking?

Our history unit for this term is the Vikings. We will start by placing the Viking age in the correct part of history in relation to events that we already know. We will then look at the Anglo-Saxon attitude to the invading Vikings; Viking way of life; Viking law and order and will examine Viking arts and crafts and will look at making our own.

## Art and Design

Photography.

In this unit we will be considering how photography can be used as an art form. We will be looking at Macro-photography – discussing what it is and looking at and critiquing examples of such. The children will then take their own macro photographs. Following this we will use digital editing techniques to achieve the children's desired effect and to get the most out of our compositions. We will also be using photographic techniques to alter a famous piece of art – combining painting and digital photography.

## Science

How do we see? In science this term we will be studying light. This will involve firstly looking at the eye and how it works; how light travels to the eye and how we interpret what we see. We will then look at the science of reflection and refraction and what these terms mean. Finally we will look at the colour spectrum and what this means in regards to light and how we see individual colours.

Inheritance and Evolution. In this unit we will be looking at how humans and other animals have changed over time. We will discuss the work of Charles Darwin and look at the role genes and DNA play in our lives.

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## Physical Education

In PE this term the children will be playing cricket. This will involve developing the skills of throwing, catching and fielding; batting; communication and tactics and teamwork.

We will also be doing athletics as the weather improves. This will include: sprinting, relay, throwing, skipping, jumping and will be developed individually and as a team.

## French

French this term will start with talking about sport. The children will learn names of sports; which ones they like and don't like; what clothes to wear for different sports and what sports can be done in different weathers.

Following this, the children will discuss places in town; what there is and isn't in town; how they will travel to town and give their opinion of town.

## Computing

What is Big Data?

In this unit, the children will be considering how data plays such a big part in our everyday lives. We will begin by looking at QR codes and how they work. From this we will move on to RFID and where these are used in everyday life. The children will move onto developing their spreadsheet skills and will look at how they can encrypt their data so as to protect their information.

Computing Showcase.

Our final unit will be a computing showcase where the children will develop a product using CAD design software and will programme a Micro:Bit computer to carry out a task as part of this product.

## Music

This term in music we will be listening and appraising music from the genre 'old school hip hop'. We will experience music from artists such as Will Smith and will take this style of music and practise performing in the genre style.

In the second half term we will 'Reflect, Rewind and Replay'. In this unit we will reflect on the musical experiences we have had this year and during our time at St' James's – we will revisit songs and musical activities and explain which were our favourites and why.

## Design Technology

Our design and technology unit this term will be creating waist coats. Firstly, we will look at waistcoats and how they are constructed from several parts. The children will then design their own waistcoat and decide what features they would like to try to include. They will then cut and sew fabric to construct their very own waistcoat, achieving their desired effect following their design.

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## Personal, Social, Health and Economic Education (including Relationships Education)

This term we will be discussing transition to high school. We look at what to expect at secondary school – how in ways it is the same and how it is different. We will cover any questions or worries the children have and what to do and who to talk to help with these.

Connected to this we will be looking at relationships; different types of relationships and how growing up presents us with independence and new responsibilities.

The school nurse will also be visiting to present information on puberty and reproduction.