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**Autumn Y6**

**Oak Class**

**History:**

This term we will be studying WW2. We will be drawing timelines, comparing everyday objects, examining artefacts, making deductions based on evidence and investigating how the war impacted our locality. We will also be researching life for children during war-time Britain.

**Skills -** To study a theme in history that extends pupils’ chronological knowledge.

To examine a range of sources to answer a range of investigative questions.

To place events in chronological order on a timeline.

**PE**

During the Autumn term, we will work on our fitness levels and consolidate our sporting skills during different physical games. We will develop our communication skills as we take on the roles of coach and referee. Later on in the term, we will complete our dance unit; working together to choreograph a synchronised routine.

**Swimming**  On Tuesdays we will continue with our weekly swimming lessons, with the aim of becoming proficient in a variety of strokes.

**Music**

We will focus on appraisal this term. The class will listen to various genres and use technical vocabulary to appraise. It will be a wonderful opportunity for the children to understand their own musical tastes.

RE In this topic, we will discuss our experiences of family. Whatever the experience, family still remains the first place for growth and development, and we will explore how our families have helped us grow. We will also be looking at the love and care of people and how God’s love is unconditional and never ending.

Our second topic of the term will be **Vocation and Commitment.** In this topic we will cover Baptism and Confirmation, all Christians are called to share the mission of Jesus; there are many ways of carrying out that mission and that for some people their mission, or vocation, is as a priest or member of a religious order.

Our third topic of the term will be **Expectations.** In this topic we will be learning that Advent is a time of joyful expectation, as we prepare to receive Jesus into our lives.

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**Geography**

In Geography, we will explore the continent of Antarctica. We will look at the physical features found in Antarctica, compare historical maps of Antarctica to the present day and complete investigations on the wildlife and climate found in this vastly undiscovered land.

**Class Novel: Jimmy Coates by Joe Craig**

An eleven-year-old boy discovers he has strange powers, and a future that holds mystery, adventure – and death!

Bending his knees, Jimmy let go of the windowsill and slowly tipped backwards. Surely this is impossible, he thought, even as he could feel himself doing it. He pushed out with his legs and the thrust sent him flying backwards into the air… Then his fingers locked on to the cold wire of the fence, poised in a perfect handstand on the top.

Who are the mysterious men chasing Jimmy across the city? Why are they after him?  
What are Jimmy's parents keeping from him and who can he trust? And how come he can suddenly do all this really cool stuff…?

Find out in this electrifying debut novel from Joe Craig. Young, multitalented and brimming with ideas, this new HarperCollins author is destined to become a firm favourite with children everywhere.

**Computing- Coding**

This term we will be working with a specialist Computing teacher, Mr Maloney. By the end of the unit the children will be able to plan a program before coding to anticipate the variables that will be required to achieve the desired effect, explain what functions are and how they can be created, include buttons that launch other programs and include buttons that launch windows to external websites.

DT This term the children will create a rotating fairground ride. They will evaluate existing products, design, make and evaluate our creations against our skills criteria. We will work alongside Steph O’Donnell – a DT expert!

**Art**

The children are going to be looking at different mediums and skills within art such as a focus on our drawing skills

In our sketch books, we will develop our sketching and shading skills. We will create drawings with a still life focus and we will draw on the mark of famous artists to help us with developing our own signature drawing style.

**Things you can do with your child at home:**

Please continue to hear your child read regularly at home and sign their reading record, remember that you can record any type of reading in it not just their reading book (For example, iPad apps, magazines).

**Please ensure your child brings their book to school each day in order to change their books and take their quiz.** Ask them questions about what they have read: who was their favourite character? Can they predict what might happen in the next story? Your involvement in your child’s reading is important to their progress.

Encourage your child to write for a range of purposes: shopping lists, keep a diary, stories and comics.

Help your child to learn to read the time on both analogue and digital clock (Focus on 5 past and 5 to the hour and 10 past and 10 to the hour). Ensure that your child recognises the different coins and their values. Ask your child to show you the coins they need to buy an item and how much change they should receive from £1, £2, £5 & £10

Children in Year 6 need to know their times tables to 12x12 and the corresponding division facts. Times tables need to be practised a little each day. We will be using TTRockstars and would like children to play at home for at least 5 minutes everyday. Alternatively, ask your child to put their fists up and show you the times tables chants. Then quiz them randomly.

Please support your child to complete their weekly homework.

Please follow us on twitter @y6Sycamore – SYCAMORE CLASS @Y6oakclass – OAK CLASS

**Mathematics**

In maths this term we will cover the following:

* Number and place value with numbers up to 7 digits.
* Negative numbers
* The four rules of number - Being able to choose the most efficient method and mental problems.
* Fractions - Adding and subtracting them, simplifying fractions, multiplying and dividing them

We will continue weekly to practise our Arithmetic and Times Table skills through a weekly test and our Times Table Rockstar challenges.

**English**

Where Once We Stood by Cristopher Riley and Martin Impey was released in July 2019 for the 50th anniversary of the first Moon landing. “Where Once We Stood” captures the first-hand accounts of an extraordinary chapter in our history, when twelve human beings set foot on the moon. Using this remarkable text, the children will plan, edit and write an exploration narrative and a formal report.

Reading is a huge focus for us in Year 6. We will be spending plenty of time reading for pleasure while working hard to develop our skills during our whole class reading sessions. During our whole class reading sessions, we will read extracts from a variety of fiction, non-fiction and poetry books which will help the children to hone their inference, retrieval, summarising and predicting skills

We will also practise our spelling, punctuation and grammar skills daily during our basic skills sessions.

**Science**

Our first science topic for Year 6 is Animals including humans, we will explore the circulatory system and the role it has within the human body. We will plan, complete and evaluate investigations, we will investigate the components of human blood and how exercise affects our bodies.  
Year 6 will study Electricity. The children will learn scientific symbols for the components of circuits which will aid

them in drawing simple and complex scientific circuits. They will learn to associate brightness and dimness with voltage and they will learn how to construct working circuits to contain: bulbs, switches, buzzers and motors. The children will also have the opportunity to research scientists linked to their topics and describe the impact these discoveries have had on our lives today.