ST THOMAS OF CANTERBURY CATHOLIC SCHOOL

YEAR: 5 **TERM 2** **CURRICULUM OVERVIEW**

Mathematics

This term we will finish our topic on addiction and subtraction before moving onto multiplication and division. We will be looking at multiples, common multiples, factors, common factors, prime numbers, square numbers, cube numbers and how to multiply and divide numbers by 10, 100 and 1000 where the answer is a whole number (decimals are covered later in the year by this scheme). Then we move onto fractions. We will learn how to find equivalent fractions, convert fractions from improper to mixed numbers and vice versa. We will order and compare fractions and start to look at how to add fractions. Each week we will have an arithmetic challenge to ensure quick recall and prepare children for tests they will be sitting next year.

English

This term our core text in English will be *When the Mountains Roared* by Jess Butterworth. The children will have numerous opportunities to engage in writing activities inspired by this text, allowing them to explore a variety of genres. We will begin by researching snow leopards and creating non-chronological reports. Following this, the children will examine the key features of informal letters and will have the opportunity to compose one of their own. Lastly, we will explore poetry, where each child will be given the chance to develop and create their own original poems.

Physical Education

In PE, we will be doing Dodgeball and Badminton this term. In Badminton, the children will develop their understanding of net games. They will develop the necessary skills, strategies and tactics to outwit their opposition. In Dodgeball, they will improve skills such as throwing, dodging, jumping and catching. In both games, they will be given opportunities to work in collaboration with others.

RSHE

This half term, the children will be learning about the importance of understanding pressure and how it can take different forms in their daily lives. They will explore strategies for resisting negative pressures and learn about the concepts of consent and bodily autonomy, recognising when it is right to say 'no'. The children will also reflect on how their thoughts and feelings can influence their actions and consider positive ways to respond.

Science

This term, we will begin our new topic on forces. We will look at concepts like gravity, friction, and air resistance. Through hands-on experiments, they will learn how different forces affect motion and develop important observational skills. We will also explore the connection between mass and weight and the children will have the opportunity to measure force using newton-meters.

RE

We will begin our topic on Belonging- Life Choices. The children will learn that through Baptism the Christian is called to a life of holiness and to the mission of spreading the Good News. They will learn that life may be lived out in different ways. For some it will be through marriage. Whatever life choices are made, the Christian is called to a commitment of holiness and service of others. We will then move onto our topic on Advent. We will focus on Jesus' coming in history and encourages believers to prepare for the Christ who comes each day. They also wait in joyful hope for Him to come in glory at the end of time.

Design Technology

We are going to be creating pop-up books. We are going to plan each page, produce the structure of the book and then assemble the components necessary for the mechanisms.

Computing

In this unit about Coding with Scratch: Developing Games, we will learn how to design our own backdrop with increasing complexity. We will also learn how to code a sprite to move when certain keys on a keyboard are pressed. We will also become familiar with if, then statements to create conditions with a game.

Geography

Our topic this term is 'What is life like in the Alps?'. We are going to locate the Alps on a world map and identify the eight countries they spread through. We will look at physical and human characteristics in the Alps. We will then find out about Innsbruck which is a popular tourist destination all year round. We will look at our local area and compare and find out what there is to do here. We will collect data by completing questionnaires, mapping routes and making sketches.

Music

Our learning this term will be focused around two tunes, Three Note Bossa and The Five Note Swing. Children will have a chance to use instruments and improvise.

French

We will continue our work on Getting to Know You, we will recap and apply previous skills and knowledge from year 3 and 4. We will learn more greetings, how to express emotions and talk about the future.