

Class 4 Curriculum Summer A

Maths

★ Properties of Shape

Measuring angles, angles on a straight line/around a point, calculate angles, angles in shapes, polygons, angles in polygons, drawing lines shapes and angles, 3-D shapes.

★ Position and Direction

Describe position in a quadrant, reflection and translation, co-ordinates

★ Consolidation

Four operations, fractions, decimals, percentages, measurement, problem-solving using the range of skills previously taught

English

Fiction:

- ★ Spirit of the Titanic
- Letter (Samuel's death)

Non-fiction:

- ★ Travel Brochure

Science

Electricity

★ Children will learn to represent circuits using symbols in a diagram. They will learn about two important scientists: Thomas Edison and Nikola Tesla. They will develop their understanding of what electricity is and how to measure it through investigations.

Computing

Online Safety: Online Reputation

Introduction to Vector Graphics

In this unit, learners start to create vector drawings. They learn how to use different drawing tools to help them create images.

The Titanic

In this unit, children will learn about the History of the Titanic: the reasons (including cultural changes) behind its construction, the passengers and their reasons for travelling, the voyage itself, and important changes made to transport as a consequence of the disaster. In Art, we will learn how to do observational drawings from photos of the Engine room and exterior of Titanic as well as the skill of drawing perspective.

RE

How do Muslims show faith through their actions?

★ We will be exploring the five pillars of Islam in this unit, learning how Muslims carry out each of the five pillars in their daily lives and the impact of this.

French

Bastille Day

★ Children will learn the historical significance of Bastille Day to the French, and the important events that led to this significant day.



PE

Golf/Outdoor Athletics

In golf, the children will learn and practise the basics of putting and driving.

Athletics includes sprinting, hurdles, relay racing, long jump and javelin

PSHCE

Growing Up

★ This topic builds on children's knowledge of how we grow and change, both physically and emotionally and the types of relationships that people have. They will also learn about positive body images and stereotypes.

Music

Introducing chords

★ We will learn more about musical notation this term

Maths

★ Consolidation

- *Four operations*
- *Fractions, decimals, percentages*
- *Measurement*

★ Investigations

- *Problem-solving using the range of skills previously-taught*

★ Ca-ching Financial Education

English

Fiction:

- ★ Spirit of the Titanic - Letter

Non-fiction:

- ★ Newspaper Report (Maiden voyage)

Drama:

- ★ End-of year performance

Science

Light

★ This half-term, we will look more closely at light, shadows, reflection and refraction by performing a range of investigations to find out how it travels, how shadows form and the composition of colours. We will learn about Issac Newton's theory of light and colour.

Computing

Online and digital safety:

Health, Wellbeing and Lifestyle

Y5: Selection in Quizzes

In this unit, pupils develop their knowledge of selection. They represent this understanding in algorithms and then by constructing programs using the Scratch programming environment.

Y6: Sensing Movement

Children use sequence, repetition, selection, and variables to programme micro:bits

Enough For Everyone

In this half-term, in Geography, we will be looking at global resource distribution and how this affects different groups of people.

In DT, building on our work around the Titanic in the previous half-term, we will explore the concept of buoyancy to design, make, test and evaluate an 'unsinkable' raft as well as exploring how to make an ocean floor grabber to retrieve objects.



PE

Cricket/OAA

Children will learn the rules of quick cricket and work on essential batting, bowling and fielding skills. In addition, children will participate in a range of Outdoor Adventurous Activities.

PSHCE

Aiming High

★ We will focus on achievements, aspirations and opportunities, discussing our own achievements and attitudes, as well as learning styles. We will look at challenges people face and barriers to success, then think about strategies we can use to overcome such obstacles. We will think about our opportunities now and in the future, learning to overcome stereotypes and acquire the skills we might need, and set personal goals.

RE

So what do we know about Christianity?

★ In this bridging unit in preparation for KS3, we will consolidate our knowledge about Christianity.

Year 5 will complete the Spirited Arts project

French

Consolidation

★ Children will have the opportunity to practise speaking and listening in the areas we have covered this year through a range of practical activities.

Music

Performance

★ We will continue to perfect our performance skills through singing, acting and dance for this year's performance.