



KNOWLEDGE ORGANISER

YEAR: 6

TERM: Christmas 2025

TOPIC: Collision Course

COMPUTING -

Touch Typing – in this unit, we will practise important keyboard skills which the children will need throughout the year.

We are Architects - in this unit, the children will research examples of architecture, before using 'Trimble SketchUp' to create their own virtual model of the Titanic. They will select, use and combine a variety of software on a range of digital devices and use the gallery to exhibit their own artwork.



PSHE - CREATED AND LOVED BY GOD Unit 1 – Religious Understanding

- We were created individually by God who cares for us and wants us to put our faith in Him.
- Physically becoming an adult is a natural phase of life.
- Lots of changes will happen during puberty and sometimes it might feel confusing, but it is all part of God's great plan – and the results will be worth it!

CREATED AND LOVED BY GOD Unit 2– Me, my body and my health

- Similarities and differences between people arise as they grow and mature
- By living and working together ('teamwork') we create community.
- Self-confidence arises from being loved by God (not status, etc.)
- About the unique growth and development of humans, and the changes that boys and girls will experience during puberty.
- The need for modesty and appropriate boundaries; how to make good choices that have an impact on their health.



SCIENCE

Light - The children will study how light travels and how we are able to see. Also, how shadows are created and change.

Electricity - The children will investigate and make circuits with different features and recognise the impact when components on the circuit are modified. Throughout both topics, we will continue to explore how to 'work scientifically'.



Working Scientifically Skills

MATHS

Place Value Chart

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones

Topics covered this term will be:-

- Place value, ordering, rounding
- Roman numerals
- Addition, subtraction, multiplication and division of whole and decimal numbers
- Money and real-life problems
- Fractions, decimals and percentages including the addition and subtraction of fractions
- Ratio and proportion
- Handling data – probability, bar charts, pie charts, line graphs etc
- Shape and reasoning about shape.
- **Please encourage your child to use Times Tables Rockstars to support their multiplication knowledge.**

ENGLISH

- In English this term the children will be completing a series of written tasks based around our topic of 'The Titanic.'
- Pupils will complete a diary from the point of view of a passenger on the Titanic, beginning before they board and encompassing a detailed description of the liner. They will also write a newspaper report about the tragedy using historical facts and language of the time.
- The children will continue to have comprehension and a grammar lesson weekly to build their understanding and prepare them for their KS2 assessments.

Weekly homework tasks will cover punctuation, spelling and grammar.

REMINDERS

- Spelling HW weekly
- English HW Monday for Wednesday
- Maths HW Tuesday for Thursday
- Weekly reading



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TOPIC: Marvellous Monarchs

GEOGRAPHY

Through mapping the journey of the Titanic:

- Use the **eight points of a compass, four and six-figure grid references, symbols and key** (including the use of **Ordnance Survey** maps) to build their knowledge of the **United Kingdom** and the **wider world**.



Art

Through work on Titanic advertising posters and sketching of the liner the children will:

- Use **drawing techniques** to convey a variety of **sources, eras and cultures** including **observation, photographs and digital images**.
- Draw in: sketching pencils, fine liners.
- To begin to use strategies to create **perspective**.



HISTORY

Through the topic 'Collision Course' Year 6 will be exploring the history of the Titanic. We will cover aspects of learning such as:

- Its construction - who built it, where and how it was built
- Voyage ready – looking at the supplies, the different roles and all the preparations before it set sail
- Mapping its maiden voyage and locating key destinations using grid references
- How the ship sank and how it might have been avoided

The aftermath and potentially who was to blame? This will also link to our oracy work and take the form of a debate.



D.T.

As part of the 'Collision Course' topic the children will adapt recipes to create a range of savoury dishes to enjoy as part of our 'Titanic Dining' experience. They will:

- Understand the **principles of a healthy and varied diet**.
- Prepare and cook (**rolling, mixing, kneading, grating, chopping, sieving**), a variety of predominantly savoury dishes using a range of cooking techniques (baking).
- Select from and use a **wider range of tools and equipment** to perform practical cooking e.g. **knives, chopping board, grater, bowl, weighing scales, sieves and cutters**



P.E.

Key Skills

- To be aware of key **placement/use** of their body parts and **equipment**, in a range of activities including **throwing and catching**.
- To know where their focus should be during key **movement** activities.

Athletics

- To know the rules and be able to play a range of **invasion games**.
- To participate in **competitive team games**, developing **tactics** such as **attack and defence**.

Dance

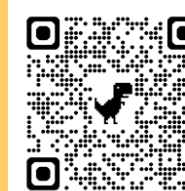
- To know basic dance **movements** from a range of **styles/era** and **cultures**.
- To perform dances using a range of **movement patterns and styles**, with increased **control and refinement**.

Please remember **No Jewellery** during P.E. lessons.

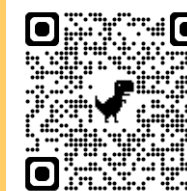
SATs 2026

The statutory key stage 2 tests are timetabled from **Monday 11 May to Thursday 14 May 2026**.

These websites have a wealth of resources to help your child revise for these assessments.



TT Rockstars



Rollama