

Maths

Number: Addition and Subtraction

- Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures.
- Solve problems with addition and subtraction applying increasing knowledge of written methods and mental methods where regrouping might be required.
- Recall and use addition facts to 20
- Fluently derive and use related facts up to 100.

Geometry: Shape

- Exploring 2D shapes and their properties.
- Exploring 3D shapes and their properties.
- Comparing the properties of 2D and 3D shapes.

PSHE: Computer Safety

- How to stay safe online
- What types of information you can share online
- Sharing images online
- Cyber safety documentary

P.E

This terms topics are Ball Skills & Gymnastics.

- Developing possession of the ball
- Developing communication
- Developing Cooperation skills
- Consolidating agility
- Consolidate balancing on apparatus

History Significant Women

- To explore who Florence Nightingale and Mary Seacole were and when they lived.
- To understand why Florence Nightingale went to Scutari hospital and what hospital conditions were like when she got there.
- To explore how and why Florence Nightingale and Mary Seacole made a difference in the past
- To research about Florence Nightingale and Mary Seacole's later life.
- To identify similarities and differences between medical care now and in Victorian times.



Autumn 2 **This term our topic is on:** **Significant Women**

R.E: Christianity Theme: Christmas

Key Question: Why do Christians believe God gave Jesus to the world?

- Why do Christians celebrate Christmas
- The story of Christmas
- The birth of Jesus

Design and Technology Skill.

Designing and making a Ferris wheel.

- recap how wheels work, evaluate existing big wheels and create design for own fairground wheel
- explore and experiment to find the most suitable materials and techniques to create a wheel
- Using knowledge of structures, build frames and wheels before assembling. Adapt designs as necessary
- Add decoration and evaluate design against brief

Science: Everyday Materials

- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Computing: Algorithms

- To understand that computers use algorithms to make predictions
- To plan algorithms that will solve problems
- To understand what debugging is.

Music: Orchestral instruments (Traditional Stories)

- Understanding traditional stories
- Linking music to traditional stories
- Experimenting with different instruments

Literacy

Core book: My Christmas star



Fiction: Short narrative – story from a different viewpoint

Fiction: Diary entry for Anna's point of view

Fiction:

- Capital letters
- Full stops
- Begin to join sentences with 'and', 'but' and 'so'
- Begin to use expanded noun phrases
- Begin to use exclamation
- Past tense
- Pronouns
- Begin to use subordination 'because'