

Maths

The children will:

- Name and recognise 2D shapes
- Describe 2D shapes by their properties (sides, vertices)
- Name and recognise 3D shapes
- Describe 3D shapes by their properties (faces, edges, vertices)
- Observe pattern in shape and lines of symmetry
- Add a 2 digit number to a 2 digit number when not crossing ten and when crossing ten
- Subtract a 2 digit number from a 2 digit number
- Subtract a 2 digit number from a 2 digit number, by partitioning the subtrahend when crossing ten
- Subtract efficiently by using my knowledge of 2 digit numbers

Science

Our topic is Materials. The children will learn:

- The different properties of materials.
- To identify and compare the suitability of a variety of everyday materials including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
- To find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching
- How to test the absorbency of different fabrics

Computing

The children will learn how to use spreadsheets using the programme 'Purple Mash'. They will learn:

- To navigate around a spreadsheet and enter data
- To learn new vocabulary related to spreadsheets
- To use a spreadsheet to answer questions about data
- To insert clipart images to a spreadsheet
- To use the 'move cell' and 'lock' tools
- To add and edit data in a table layout

History

The children will:

- Learn what life was like in early 1666, before the fire.
- Learn when and where the great fire broke out.
- Learn why the fire broke out and order the main events of the fire.
- Learn about the diary of Samuel Pepys.
- Look at the changes to London after the fire.

English

The children will:

- Write a journey tale
- Listen to a variety of poets perform their poems
- Analyse poetry and learn what makes a good poem (onomatopoeia, repetition, rhyme, alliteration, sounds, sights, feelings, similes)
- Create and perform their own poems
- Learn about the main features of newspaper reports and create their own about a historical event
- Learn how to write their own diary entry, in role as a significant person



PSHE

This half term the children will:

- Understand how the internet can be used to help us and learn how to remain safe online and what to do if something online makes them feel uncomfortable
- Understand what a secret is and what a surprise is.
- Know the name of parts of the body, including those of the private parts for their gender. Explain the PANTS rule.

PE

- In Outdoor PE, the children will be developing their hockey skills and learn how to play a game of hockey.
- In indoor PE, they will be focusing on their fitness and agility through circuit training.

Spelling patterns to be covered:

- The sounds /n/ spelt 'kn' at the beginning of words
- The sounds /n/ spelt 'gn'
- The sounds /r/ spelt 'wr' at the beginning of words
- The sounds /n/ spelt 'kn', 'gn' and /r/ spelt 'wr'
- The sound /s/ spelt 'c' before I and y
- The sound /s/ spelt 'c' before e

As well as a selection of Year 2 Common Exception Words

The children will also complete weekly handwriting and grammar

Religious Education

The children will:

- Recognise parts of Jesus' birth story that tell us some people believe Jesus is special
- Understand that religious stories can help us learn about religious beliefs
- Identify some parts of the story that tell some people that Guru Nanak was special as a baby
- Identify miracles in the stories that tell some people that some children are special
- Make comparisons to other stories
- Describe why Krishna might be seen as special by some people
- Identify parts of the story that tell us that Muhammad is special to some people
- Identify a miracle believed to have been performed by Jesus as an adult and the significance in religious stories

Music

The children will:

- Use their voice to create a variety of sounds
- Use dynamics to create an atmosphere and correctly identify changes in dynamics
- Compare two pieces of music using musical vocabulary to describe the changes in dynamics
- Collaborate with peers to contribute to a group soundscape
- Interpret music in a visual form
- Identify and discuss patterns in different pieces of music
- Successfully create and play patterns, notating them
- Create and play a simple pitch pattern accurately

DT

The children will:

- Investigate a range of vehicles and discuss the key features
- Investigate how to attach wheels to an axle, and how these attach to the chassis
- Design and make a prototype of a vehicle
- Create and decorate the body of a vehicle of their choice
- Evaluate a finished product