

Year 4 Autumn Term Curriculum Map

Maths

- **Number: Place Value:** Represent and partition numbers to 10,000, round to 1000 and use roman numerals
- **Number:** Addition and subtraction up to 4-digit numbers
- **Multiplication and Division:** Focusing on multiples of 3,6,7 and 9
- **Area:** Finding the area of a shape

History

Local area study - Sticky Knowledge:

- Birstall has origins in the Anglo-Saxon period and the name relates to Roman history.
- Birstall has changed significantly over time. Historically significant local features include the old school, the old forge cottage, the river, the railway, cedar tree and the church.

Geography

Who does the UK trade with and why? Sticky Knowledge:

- That different foods are grown in different biomes and say why.
- Which food has the most significant negative impact on the environment.
- The intentions around trading responsibly.

P.E.

- Gymnastics
- Invasion games

English

Please find below the core texts we will be using and the text type we will be writing.

- **Poetry:** The Sound Collector
- **The Midnight Fair:** narrative and setting description
- **Edward Tulane:** diary, non-chronological report and character description
- **The Nutcracker:** Formal letter

Art and Design

Sign writing using abstract images. Artist: Fred Fowle

Outcome: To create artwork in style of an artist - Sticky knowledge:

- To know the techniques of sign writing using abstract images.
- To use colour for a purpose
- To understand how use of different forms and spaces affect artwork

Design and Technology

Mechanisms which is linked to fairgrounds: Sticky Knowledge:

- To know how to successfully create moving mechanisms on a stable base.
- To know how a pulley works, specifically to support and control movement
- To know how an axle can be used with different fixed fittings
- To know strengthening techniques for supporting axles and pulleys

P.S.H.E

Mental health and wellbeing

Sticky Knowledge:

- to know that grief is a normal emotion and we can do things to support our grief, like creating memory boxes, photo albums etc
- the more that we practise managing unhelpful thoughts, the easier it becomes to do so
- have strategies to manage distractions
- Have strategies for managing worries and self-calming.

Music

Unit one: Pulse

Children will experience a range of different time signatures and work with 10 beat rhythmic patterns.

Unit two: Voices

Children will explore music from different cultures.

Science

Forces and magnets- Sticky Knowledge:

- A force is a push or a pull.
- Friction is created when an object moves on a surface.
- The texture of the surface and the object affects how it moves.
- A magnet attracts magnetic material.
- Magnets have two poles – a north pole and a south pole.
- If two like poles, e.g. two north poles, are brought together they will push away from each other – repel.
- If two unlike poles, e.g. a north and south, are brought together they will pull together – attract.

Electricity – Sticky Knowledge:

- Many household devices and appliances run on electricity.
- Some plug in to the mains and others run on batteries.

Religious Education

What is the 'Trinity' and why is it important for Christians? Sticky

Knowledge:

- To know why Christians are baptised.
- To know the story of John the Baptist.
- To know that Christians show their belief about God through baptism and prayer and the way they live.
- To know the Holy Trinity is God the Father, God the Son and the Holy Spirit.

What do Hindus believe God is like? Sticky Knowledge:

- To know some Hindu deities, such as Vishnu and Shiva
- To know some ways that Hindus worship

Computing – Computing Systems and networks: Internet

Sticky Knowledge:

- The internet is a lot of networks connected.
- World wide web is part of the internet which contains web pages.
- Internet services can create websites.
- Not all content on the web is true.

Creating Media: Audio Editing

Sticky Knowledge:

- Audio can be saved as a file on digital devices.
- Devices capable of recording have an input (microphone) and output (headphones, speakers).