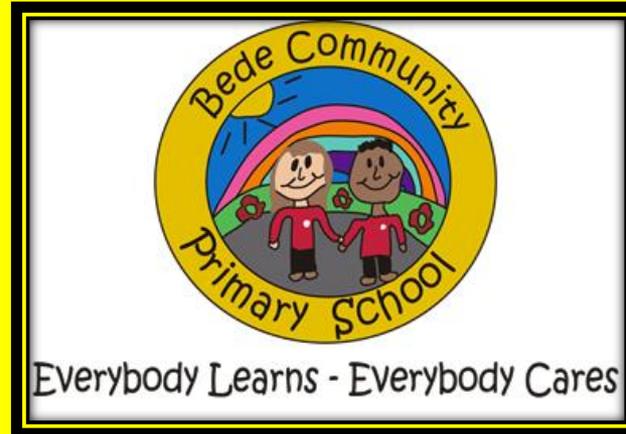


Bede Community Primary School Creative Curriculum

Class 6 Termly Overviews



Autumn: Industrial Britain

This topic builds upon a base of knowledge introduced in Y4. Children will have a sense of the important discoveries and inventions of Tynesiders during the 1800s and we place that into a wider sense of history. We put this into the wider timeline of KS2 history and explore a turning point in history both globally and locally. Taking inspiration from the evidence of the industrial revolution all around Bede, the children will learn about the spread of the railways which pass our school and how coal mining changed the local area with ruins near Gateshead Stadium and Sunderland Road. They explore art based upon industry in Tyneside and compare maps of Victorian Gateshead and modern Gateshead. From those maps we can identify evidence of the industrial revolution and seek it out during fieldwork. For example, children can see the temperance fountain on Sunderland Road and visit the cemetery to collect data which supports the idea that childhood was very dangerous during the industrial revolution. We continue on that theme by reading *Street Child* and drawing contrasts between the lives of children now and in this area during the industrial revolution. As children begin to introduce mechanisms and moving parts to their DT work, we bring more focus to the evaluation, analysing strengths and flaws to support understanding.

Spring: All Creatures Great and Small

This term is broken into two halves, focusing upon the human body and then moving on to characteristics and understanding of animals. The children will recap their knowledge of body systems from Y3 and begin to push their understanding further by learning about the circulatory and respiratory systems, investigating what affects the heart. They learn about how exercise has a positive effect on the body and how alcohol and drugs can affect the body negatively.

As the topic progresses, children will learn about the life cycles of animals, how they can be classified and the inherited features which offspring can have. They will use the big picture model to develop their scientific explanations.

Building upon knowledge of a healthy lifestyle, children will plan for, research and develop their own healthy water-based drink. They will design packaging for the product which can use mixed media.

Summer: The World Beyond

The summer term in Y6 begins with the end of KS2 assessments and as it moves on sees the children begin transition to their secondary schools before leaving primary education. This topic seeks to focus on the positives of pushing beyond boundaries, celebrating pioneers and exploring figures who have left their mark upon the world.

The children will consider the world around them in a geographical sense, imagine what would be necessary to fly off to a new world and learn about pioneering figures such as Marie Curie and Neil Armstrong.

Their science work will begin to recap KS2 learning prior to the move into KS3 and also learn about Darwin and his theory of evolution, a revolutionary concept when first published. The class story, *Wonder*, lends itself very well to understanding difference and learning the values of acceptance before the children move to a larger year group and are exposed to a wider variety of personalities.



English links

- Topic related spellings
- Reading information texts
- Reading biographies
- Using technical vocabulary to explain mechanisms in action

Maths links

- Scaling a timeline
- Measuring for models
- Place value in use of OS grid references

Art & Design

- Sketch the bridges of the Tyne
- Produce charcoal portraits in a Victorian style
- Study *Iron and Coal* by William Bell Scott

Computing

Money, Money, Money:
How to analyse data, make decisions and present to others

Children learn about the stock market and how to read, analyse and evaluate that data as they invest in fictional companies and present pitches and advertising to the class.

Children require Chromebook or laptop

Design Technology

- Design a working model of the Swing Bridge
- Design a mechanism to lift loads from a coal pit

NC links

[Ar2/1.1](#)

[Co2/](#)

[DT2/1.1b](#)

[DT2/1.2a](#)

[DT2/1.3b](#)

[DT2/1.3c](#)

[DT2/1.4b](#)

[Ge2/1.4a](#)

[Ge2/1.3b](#)

[Ge2/1.4b](#)

[Hi2/2.1](#)

[Hi2/2.2](#)

[Mu2/1.1](#)

[Mu2/1.2](#)

[PE2/1.1b](#)

[Sci5/4.2c](#)

Geography

- Compare human geography in NE England from the industrial revolution to now
- Use 4/6 figure grid references to identify industrial places in the local area – coal mines in Felling – Tyne Main

History

- Identify major industrial milestones during the 19th Century
- Who lived on Old Fold Road during the Industrial Revolution? What did they do?
- Explore when and why children had to start going to school

Music

- Introduction to trumpets
- Compose simple piece to go with an industrial scene – devise instruments for metallic noises

Religious Education

Islam
Muhammed- The Qur'an
Why do Muslims call Muhammed the messenger of god? What do Muslims believe about the Qu'ran and how do they express these beliefs? What does the Qu'ran teach us about God?

PSHE

- Health & wellbeing
- Relationships

PE/Outdoors

- Games – Cricket
- Games - Basketball
- Use logs and knots to build pit props

Science

- Use and explain the mechanics of a simple mechanism lifting a load with a gear, pulley or lever
- Use a mechanism to lift loads from a coal pit

MFL

- Delivered by peripatetic teacher

Key Text (s)

Street Child – Berlie Doherty

Enrichment Opportunities

Take a local walk

Visit Robinson Library

Visit Woodhorn Colliery

Visit Beamish



English links

- Produce an informative text about the railways
- Reading factual texts for style features
- Write a poem about locomotion and travelling
- Produce a tourism advert to visit Tyneside

Maths links

- Distance problems with railway maps
- Money based problems linked to building of railways
- Problems based on populations in and around the British Empire

Art & Design

- Design a railway poster for tourists to visit Tyneside
- Use apps to merge modern and historical photographs of industrial sites
- Produce art in the style of William Morris

Computing

The Next Big Thing: Designing wearable technology

Children will learn how steps in technology affect our lives and then design and create a prototype for a piece of wearable tech which they will create a presentation for.

Children require iPads or tablets

Design Technology

- Design and build a train to travel on rails

NC links

[Ar2/1.2](#)
[Ar2/1.3](#)

[Co2/1.7](#)

[DT2/1.1b](#)
[DT2/1.3b](#)

[Ge2/1.1b](#)
[Ge2/1.4a](#)
[Ge2/1.1c](#)

[Hi2/2.1](#)
[Hi2/2.2](#)

[Mu2/1.1](#)
[Mu2/1.4](#)

[PE2/1.1b](#)

[Sci5/4.2b](#)
[Sci6/2.1a](#)
[Sci6/2.1b](#)

Geography

- Place UK cities on a railway map
- Produce a digital map of the British Empire between 1815 and 1900
- Identify tropics and time zones on a map of the British Empire

History

- Understand how important the steam engine was
- Discover how the railways were built – including Brunel's achievements
- Understand why the British Empire spread and how it contributed to the Industrial Revolution

Music

- Begin to use staff and notes in trumpet lessons

Religious Education

EID- Islam

The significance of the Night of power when Mohammed received the Qur'an

Christmas

How significant was it that Mary was Jesus' mother?

Analysing the belief of the Virgin birth and its significance to Christians.

PSHE

- Health & wellbeing
- Relationships

PE/Outdoors

- Gymnastics

Collect objects from Forest Area to link to William Morris artwork

Science

- Identify forces including air and water resistance acting upon a train and steamer
- Classify different plants/leaves found in Forest Area work
- Describe classification into broad groups (animals, plants, microbes) based on observable features
- Reasons for classifying plants & animals based on specific characteristics

MFL

- Delivered by peripatetic teacher

Key Text (s)

Street Child – Berlie Doherty

Enrichment Opportunities

Take a local walk

Visit Robinson Library

Visit Woodhorn Colliery

Visit Beamish



English links

- Write a news report about Camp Green Lake being closed
- Write a biography of Stanley Yelnats
- Write a diary entry of a Camp Green Lake inmate

Maths links

- Measure ingredients accurately
- Collect data in pulse investigation

Art & Design

- Produce accurate drawings of body parts and people.
- Study athletes in motion and produce accurate drawings.

Computing

'Appy' 'Umans:
How to make apps using different

Children experiment with the basics of programming and app development using a variety of development platforms and styles of code. They then create their own app.

Children require laptops, iPads or tablets

Design Technology

- Bake bread rolls with varied favours (e.g. rosemary, garlic)

NC links

[Ar2/2.1](#)
[Ar2/2.2](#)

[Co2/1.1](#)
[Co2/1.2](#)
[Co2/1.3](#)

[DT2/2.1b](#)
[DT2/2.1c](#)

[Mu2/1.1](#)
[Mu2/1.5](#)

[PE2/1.1c](#)

[Sci6/2.2a](#)
[Sci6/2.2b](#)
[Sci6/4.1](#)

Geography

- There are no explicit links to geography within this topic.

History

- There are no explicit links to history within this topic.

Music

- Know how instruments are made
- Learn longer tunes on the trumpet

Religious Education

Importance of worship: Prayer

Within all religions

Why is WORSHIP important to believers?

What happens in private and public worship?

Why is PRAYER important?

What do religious people believe about prayer, praying and what they achieve?

PSHE

- Health & wellbeing
- Relationships

PE/Outdoors

Science

- Identify/name parts of human circulatory system.
- Functions of heart, vessels & blood
- Impact of diet, exercise, drugs and lifestyle on body function
- Light travels in straight lines from a light source or reflected into the eye

MFL

- Delivered by peripatetic teacher

Key Text (s)

Holes – Louis Sachar

Enrichment Opportunities

Visit Centre for Life

Invite University medical students into school



English links

- Write a persuasive advert copy for the DT juice drink
- Write an informative text about the life cycle of a creature

Maths links

- Use nets to create packaging for a healthy drink
- Find fractions of a surface area in packaging
- Interpret data in market research

Art & Design

- Produce a sculpture of a sports person.

Computing Young Authors: Creating an eBook

Children will develop a story idea in small groups to create a storyboard, they will then use Book Creator and Brushes to create their own eBook including text, illustrations and audio.

Children require Chromebooks or Laptops, iPads or tablets

Design Technology

- Produce a healthy water-based drink, including packaging, based on market research

NC links

[Ar2/1.2](#)

[Co2/1.2](#)
[Co2/1.7](#)

[DT2/1.1a](#)
[DT2/2.1a](#)

[Mu2/1.1](#)
[Mu2/1.2](#)

[PE2/1.1c](#)

[Sci6/2.3](#)
[Sci5/2.1](#)
[Sci5/2.2](#)

Geography

- There are no explicit links to geography within this topic.

History

- There are no explicit links to history within this topic.

Music

- Learn to improvise with trumpet following a musical lead
- Control the trumpet to play with increased accuracy and fluency

Religious Education

Easter
After 2000 years is Christianity still a strong religion?

PSHE

- Health & wellbeing
- Relationships

PE/Outdoors

Science

- Changes as humans develop to old age (inc puberty)
- Recognise offspring may vary/non-identical to parents
- Life cycle of mammal, amphibian, an insect & a bird
- Describe the reproduction in some plants and animals (inc sexual/asexual)

MFL

- Delivered by peripatetic teacher

Key Text (s)

Skellig – David Almond

Enrichment Opportunities

Visit Centre for Life



English links

- Write a diary entry from the point of view of a character in *Wonder*
- Write a short report on Armstrong or Curie and their work
- Write a poem about how it feels to be different or stand out

Maths links

- Solve problems linked to the landmarks studied in art
- Review links with scientific understanding in science lessons

Art & Design

- Produce a study of a famous global landmark

Computing

Learn a Language: How to read and use coding languages

Children are introduced to coding languages such as Python and Javascript which they can explore. They will make links to the visual block coding of Scratch as they develop their understanding

Children require Chromebooks or laptops

Design Technology

- Design and make a ship to travel to Mars, incorporating a micro:bit computer

NC links

[Ar2/1.2](#)

[Co2/1.1](#)

[Co2/1.2](#)

[Co2/1.3](#)

[DT2/1.3a](#)

[DT2/1.4d](#)

[Ge2/1.1a](#)

[Ge2/1.2a](#)

[Mu2/1.3](#)

[PE2/1.1a](#)

[PE2/1.1b](#)

Geography

- Children to select countries from each major continent to compile a study and produce a fact file

History

- Learn how Neil Armstrong and Marie Curie broke new frontiers in their fields.

Music

- Remember a variety of tunes and how to play them on an instrument

Religious Education

Religions around the world

- What are the major religions?*
- Which religions do you know of within Gateshead?*
- What are the key customs of some major religions?*

PSHE

- Health & wellbeing
- Relationships
- Living in the wider world

Science

- Begin review of KS2 science topics in preparation for transition to KS3

PE/Outdoors

MFL

- Delivered by peripatetic teacher

Key Text (s)

Wonder – RJ Palacio

Enrichment Opportunities

Search for anti-bullying workshops

Invite the school nurse to talk about changes



English links

- Write a diary entry from the point of view of a character in *Wonder*
- Write a short report on Armstrong or Curie and their work
- Write a poem about how it feels to be different or stand out
- Perform in a leaving assembly

Maths links

- Review links with scientific understanding in science lessons

Art & Design

- Children to select a medium for a self portrait



Computing

Advanced Games: Creating advanced games in Scratch

Children further develop their knowledge of Scratch and learn greater detail when using sensors, variables, conditional statements, operators and loops.

Children require Chromebooks or laptops

Design Technology

- Design and make a frame to capture the world around us



NC links

[Ar2/1.2](#)

[Co2/1.1](#)
[Co2/1.2](#)
[Co2/1.3](#)

[DT2/1.2a](#)
[DT2/1.2b](#)

[Ge2/1.1a](#)
[Ge2/1.2a](#)

[Mu2/1.1](#)
[Mu2/1.2](#)

[PE2/1.1b](#)
[PE2/1.1d](#)
[PE2/1.1e](#)
[PE2/1.2a](#)
[PE2/1.2b](#)

[Sci6/2.3](#)

Geography

- Children to select countries from each major continent to compile a study and produce a factfile



History

- Consider evidence and artefacts left behind by the children when they leave Bede. What would a time capsule tell a younger generation?



Music

- Prepare a piece of music using instruments
- Perform as a group



Religious Education

Islam

Beliefs and values

*Is there such a thing as life after death? Does the belief in Akhirah (life after death) help Muslims lead good lives? What are the most important qualities of Allah for Muslims?
What do I think about god? What does an encounter with god look like? Compare different recounts to find similarities.*

PSHE

- Health & wellbeing
- Relationships
- Living in the wider world

PE/Outdoors

- Visit Broomley Grange for a day of adventurous activities
- Athletics Festival
- Provide end of KS2 swim assessment

Science

- Explain how adaptation leads to evolution
- Begin review of KS2 science topics in preparation for transition to KS3

MFL

- Delivered by peripatetic teacher

Key Text (s)

Wonder – RJ Palacio

Enrichment Opportunities

Outdoor adventure activities

Invite the school nurse to talk about changes

Invite Fertile Ground to help with dance