



# The Tunnels Below

## Year 4 - Summer 1



**Our Key Enquiry Questions are...**

*Why did a hole appear in our road?*

*What if there was still mining in Gosforth?*

### Websites:

[www.aditnow.co.uk/Photo/Gosforth-Colliery-1859\\_117390/](http://www.aditnow.co.uk/Photo/Gosforth-Colliery-1859_117390/)

[www.twsitelines.info/SMR/4024](http://www.twsitelines.info/SMR/4024)

<https://kids.kiddle.co/Mining>

<http://www.primaryhomeworkhelp.co.uk/victorians/industrialrevolution.html>

<https://www.theschoolrun.com/homework-help/victorian-era>

[https://kids.kiddle.co/Industrial Revolution](https://kids.kiddle.co/Industrial_Revolution)

### Key Dates and Reminders:

PE Class 10—Wednesday & Thursday

Class 9—Monday & Thursday

*The School will close for half term on Friday 28th May and will reopen on Monday 7th June.*

Please tweet us using the hashtags below if you see your child showing any of our Archibald qualities.

We will continue to teach the children how to make the right choices and be **#ResponsibleCitizens**

Through our creative curriculum, we will be **#HavingFun** whilst learning.

We will continue to inspire and develop **#ConfidentIndividuals**

**Having fun, achieving excellence.**

Successful learners. **Confident individuals.** **Responsible citizens.**

## **Literacy**

This half term, children will complete reading and writing tasks based upon the novel, *Street Child* by Berlie Doherty. The children will write diary entries, explore the use of standard and non-standard use of language and its impact, fiction genres, extending narrative, recounts and non chronological reports. In all written work, children will propose changes to grammar, punctuation and vocabulary to improve consistency and accuracy. They will follow the model of plan, write and edit. Children will also complete reading and writing tasks linked to their work on *The Tunnels Below*. In speaking and listening, children will take part in drama, role play and hot-seating activities. They will also have the opportunity to present their work to others, where appropriate, using ICT.

Guided Reading and Comprehension sessions will take place weekly; children will complete a series of activities and tasks to support with the acquisition and development of reading skills. Handwriting homework will be sent home weekly, where appropriate, alongside spelling activities.

## **Numeracy**

The children will add and subtract mentally pairs of two and three digit numbers. They will be encouraged to explain their methods orally. They should learn the multiplication facts up to 12 x 12 and be able to derive the corresponding division facts. Children will focussing on telling the time. In particular, recapping minutes, hours and seconds; also, telling the time in both digital and analogue. Each week, children will be presented with a series of puzzles and will be encouraged to explain their thinking in order to develop their reasoning skills. Children will also use ICT to support their learning. Weekly homework tasks will centre around work covered in class and core basic skills. All problem solving activities will incorporate the children's knowledge of the 4 operations.

## **PE *Having fun, keeping healthy and learning new skills...***

Children will continue to enjoy weekly sessions of outdoor PE where they will develop agility, balance and coordination through a series of non contact games and activities. They will also continue with the Daily Mile. Class 9 will also have the opportunity to take part in swimming lessons at Gosforth Pool.

## **PSHE**

The focus for this half term will be 'growing and changing' and 'healthy lifestyles'. Children will explore health choices and habits, what affects feelings and expressing feelings in different ways, emphasizing the importance of this on mental health and emotional well-being. They will also discuss personal strengths and achievements and managing and reframing setbacks

## **RE *Developing respect, tolerance, understanding and knowledge...***

This half term, the children will be learning about sacred stories. In this topic the children will learn and gain new knowledge about sacred stories relating to Christianity, Hinduism, Judaism, Buddhism and Islam. Pupils will explore the meaning and significance of 'sacred' and the sacred texts and holy books associated with each religion.

## **Music—*listening, appreciating, interpreting, playing, developing...***

Children will continue with their weekly 'Charanga' music sessions. The focus for this half term will be listening to and appraising music.

## **Computing**

The children will use Green Screen / iMovie / Photostory to make a report about the tunnels. They will select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

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## **Science (Sound)**

Children will complete their work on sound. They will investigate how sounds are made when objects vibrate, but that vibrations are not always directly visible. They will be taught how to change the pitch and loudness of sounds produced by some vibrating objects. They will learn that vibrations from sound sources require a medium through which to travel to the ear.

## **Scientific Enquiry**

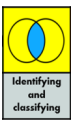
Children will further develop their skills and learn how to be an effective scientist. They will record their work in a variety of ways including: written reports, graphs, charts, diagrams and tables. Children will be encouraged to think independently and raise questions about working scientifically and the knowledge and skills it brings. Children will develop practical skills in a range of contexts, and plan and carry out investigations, making predictions, considering evidence and drawing conclusions.



Researching



Fair testing



Identifying and classifying



Observation over time



Pattern seeking

***Observation over time, Identifying and Classifying, Researching, Fair Testing, Pattern seeking***

## **Topic (History and Geography)**

During this half term, children will be learning about the industrial revolution during Queen Victoria's reign. Children will be using their history skills to help complete challenges and demonstrate what life was like during this time in history. Furthermore, children will focus on what life as a miner was like. This will include investigating mining disasters, becoming a miner and answering the question 'Should mining still take place?' Children will also be comparing the differences between the rich and the poor during these times.

Linking to geography, children will be using their map skills to see where coal was taken from. We will be looking at how Gosforth has changed over time and this will include looking at a range of maps. We will be identifying what is different and what is still here. We will also link this to the mining that occurred in the local area and discover where the coal mines were on a map.

***Location and Place, Cause and Effect, Planning and Decision Making, Change***

***Chronology, Cause and Consequence, Historical Significance, Continuity and Change***

## **Art/Design Technology**

This half term we will study the work of Lowry and the local artist, Norman Cornish. The children will develop an awareness of composition, scale and proportion in their paintings e.g. foreground, middle ground and background. They will begin to use simple perspective in their work using a single focal point and horizon. The work of William Morris will also be used as a starting point for printing work, where we will explore printing on materials and two colour overlay.

In DT, the children will design and make their own Victorian sampler, using a variety of sewing / stitching techniques.

# Key Vocabulary

## Topic

Cause  
Consequence  
Continuity  
Change  
Chronology  
Historical evidence  
Sources of evidence  
Industrialisation  
Impact  
Legacy  
Period / era

Can you find out what these words mean? Use the non-fiction texts to help you.



## Science (Scientific enquiry)

Research  
Hypothesis  
Enquiry  
Prediction  
Fair test  
Conclusion  
Data  
Patterns  
Record



## Numeracy

Place value  
Inverse operation  
Multiples  
Estimate  
Rounding

fraction  
decimal  
data  
statistics  
frequency



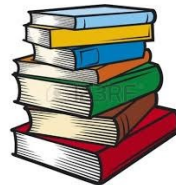
## Key Stage 2

- *Use a dictionary to find out the meanings of these words.*
- *Have you ever come across the words before in a different topic / subject?*
- *Can you think of alternative words to use?*
- *Can you use these words within your work?*

## Literacy

Expanded noun phrase  
Accent / dialect  
Standard / non standard  
English  
Clause

metaphor  
figurative language  
personification  
narrative  
semi colon / colon



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