



The Tunnels Below

Year 4 - Spring 2



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/

www.twsitelines.info/SMR/4024

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

[http://www.primaryhomeworkhelp.co.uk/victorians/
industrialrevolution.html](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—Tuesday & Thursday

Class 9—Wednesday & Thursday

*The School will close for the Easter break on Friday 8th April and will
reopen on Monday 25th April.*

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. Spellings will continue to be sent home weekly.



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

This half term, children will be developing their striking and fielding skills in a number of games such as tennis and cricket. This will involve using their throwing and catching skills and also their hand-eye coordination. Class 9 also have the opportunity to work with a gymnastics coach. These skills and concepts will then be taught to class 10 the following lesson.

PSHE

Our new topic 'Money Matters' will give lots of opportunity to look at essential and luxury items, budgeting and ways of saving money. A fun topic with lots of opportunities for practical application.

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

This half term we will learn about the meanings within Easter and find out about traditions around the world. We will also explore the ethics around Fairtrade and research where our food comes from, who grows it and how we can do our part as global citizens.

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. They will use fractions and decimals to order, add and subtract numbers; and to solve word problems involving one or two steps. They will choose and use standard metric units and their abbreviations when estimating, measure and recording capacity. 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.



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

Class 9 will continue with their weekly 'Charanga' music sessions. The focus for this half term will be learning how to read musical notation and playing the glockenspiel. Class 10 will learn how to play the ukulele during weekly sessions with the Newcastle Music Service.

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.

Having fun, achieving excellence.

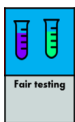
Successful learners. Confident individuals. Responsible citizens.

Science (Food Chains / Classification)

Children will group living things in different ways and will use classification keys to identify and name a variety of living things in their local and wider environment. They will explore how environments can change and how this can sometimes pose dangers to living things. Food chains will also be constructed and interpreted, with the children identifying producers, predators and prey. Children will record their work in a variety of ways including: written reports, graphs, charts, diagrams, tables and computer spread sheets. 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. Children will be encouraged to use and apply the correct terminology and demonstrate their understanding in written and verbal form.



Researching



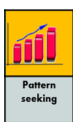
Fair testing



Identifying and classifying



Observation over time



Pattern seeking

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

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.

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

Key Vocabulary

Topic

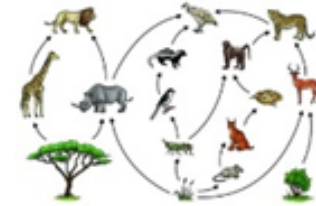
Cause
Consequence
Continuity
Change
Chronology
Historical evidence
Sources of evidence
Industrialisation
Impact
Legacy
Period / era

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



Science (food chains / classification)

food chains
predator
prey
consumer
producer
classification keys
adaptation
herbivore, carnivore, omnivore
habitat



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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