

Swansfield Express

Our learning in UKS2 this half term...

Linking Our Learning

Year 5 ~ What can you remember about how the Romans changed Britain?

Year 6 ~ What can you remember about the Battle of Britain and what life was like during WWII?



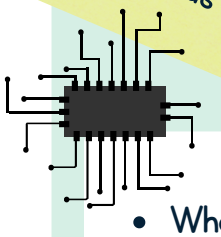
Becoming a Historian

- What do we use coal for today?
- Has the use of coal changed over time?
- What different jobs were there in the coal mines?

Well if you enjoy Quiz Time, you have come to the right place kids... We will begin by developing our understanding of the Industrial Revolution through a fun and interactive quiz battle. We will then take a closer look at 'Mining in the North East' and think about the jobs that 'YOU' would be responsible for inside the mine as well as the conditions that you would need to work in!

Using the Felling Pit Disaster as our focus, we will look at how and why changes needed to be made for those working in mines in order to keep them safe.

Exploring the celebrations of the Durham Miners Gala will then enable us to recreate our very own gala banners ahead of seeing some for ourselves at Woodhorn Museum.



DT

- What is a Doodler?
- What materials, tools and circuit components are required to build a Doodler?

Dive into the world of electronics as you explore how everyday gadgets are designed and built. You will investigate series circuits to discover how electric current flows, then put your engineering skills to the test by designing and building your very own custom 'Doodler'! Along the way, you'll think like a real product designer–balancing target audience, functional purpose, and eye-catching aesthetics.



Becoming a Scientist



- What shape are the Sun, Moon and Earth?
- Which planets make up our solar system?
- Why do certain places on our planet have a different day and night time compared to us?

Let's begin by exploring our Solar System, including the names of the planets, where they are located and how they move.

We can then investigate day and night, looking at how they are different depending on our location on planet Earth....

How can this be possible I wonder!?!

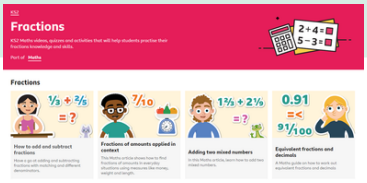
Lights, Camera, Action

- Do you know the difference panning can make to your production?
- How about 'when' to use different framing techniques?

Let's explore the different filming techniques that can enhance videos.

We can plan out our own films using a storyboard before then uploading our video to edit and improve them.





Click here to visit some great 'Fractions' games online

Magnificant Maths

Year 5

Multiplication & Division

For those of you in Year 5, we will be exploring written methods for long multiplication and short division. We will identify number properties: multiples, factors, primes, squares and cubes as well as multiplying and dividing whole numbers by 10,100 and 1000.

Fractions

We will be finding common denominators which will use to find equivalent fractions, which will enable us to add and subtract fractions. Before moving onto converting between mixed numbers and improper fractions.

Year 6

Fractions and Decimals

For those of you in Year 6, we will be learning how to calculate fractions and mixed numbers using all four operations! We will also step into the world of decimals by multiplying and dividing numbers by 10, 100 and 1000. Can you think of a methods that we could use to make whole numbers and decimals 10, 100 and even 1000 times bigger?

Who can remember how to add and subtract fractions with different denominators? Grab a piece of paper and have a go at these ones...

$\frac{1}{3} + \frac{1}{4} =$ $\frac{1}{3} + \frac{4}{15} =$

Exciting English

Curiosity: The Story of a Mars Rover (Picture Book)

CLICK HERE



We will be using this fabulous picture book to inspire our learning this half term. We will follow the journey of the NASA rover Curiosity as it makes its way to Mars. Writing labels to explain Curiosity's features before exploring how to use cohesive devices to expand and explain. Using the passive voice to log the rover's landing on Mars and write a short news report to be broadcast to Times Square. Finally, to draw together our learning to design a new rover and write an expanded explanation to propose it as the future of NASA exploration.

Keeping Fit and Active

Larch and Sycamore will be heading to the swimming pool on a Tuesday to work on their water competency skills, while Rowan will be playing basketball. We will all have NUF coaching sessions on a Friday, developing our tag rugby skills.

Music

Charanga: Developing Ensemble Skils

How does music connect us with our past?

RE

Why do Christians believe that Jesus is the Messiah?

PHRSE

Identity, Respect and inclusion

Exploring building trusting relationships, diversity in the classroom and beyond, social media and the realities of it and the idea that everyone has something to offer.

MFL

Our Precious Planet

click here