

River Investigators

- Do you know how rivers are formed or how they change over time?
- What facts do you already know about the River Coquet?

This half term we will be exploring the journey of a river from source to mouth whilst also making comparisons between UK and World rivers along the way.

Get prepared- use this link below to learn all about the Water Cycle. You will be singing along in no time.

https://www.youtube.com/watch? v=TWb4KIM2vts



Amazing Artists

Lets explore the wonderful work of local artist Emily Ward and work together to identify some of the iconic landscapes and structures within her masterpieces.

Visit her website for more information: www.emilywardart.com

Astonishing Architects

• What do Lord Armstrong and Santiago Calatrava

have in common? We will be learning about the home of Lord Armstrong, his inventions and how he made Cragside famous for being the first house to be powered by hydroelectricity.

Prepare for our exciting visit to Cragside on 26.10.23

Swansfield Express

Our learning this half term

Becoming a scientist

• What do you know about electrical symbols, series circuits and the effects of voltage on components?

Let's become electricians together, designing, building and investigating a range of circuits containing many different components.

• Do you know how light travels, how the eye works, or even how light is reflected?

Following in the steps of Isaac Newton, we will work as famous scientists to create periscopes and puppet shows to demonstrate our knowledge and understanding of light.

Buzzing Engineers

 Have you ever explored the grounds of Cragside?

In DT we will be using some clever computer software to design our very own bridges before moving on to building and testing a new bridge for Cragside.

Maths

<u>Year 5</u> <u>Place Va</u>lue

For those of you in Year 5, we will be exploring numbers to 1,000,000 by comparing, ordering, partitioning and rounding. We will also be taking a closer look at Roman numerals. Who can remember the letters that are

used to represent Roman numerals?

<u>Year 6</u> Place Value



For those of you in Year 6, we will be exploring numbers to 10,000,000 as well as using our knowledge of number lines to step into the world of 'negative numbers'...

Addition, Subtraction, Multiplication & Division

It's time to get those thinking caps on and remember all of the different written methods used to calculate. Your times table knowledge is also going to be so important this year so make sure you spend plenty of time on TTRS!

English

We will be using the computer animated short film Oktapodi about adorable octopi to write our own narrative adventure. In the film, these two cuties help each other escape the clutches of a tyrannical restaurant cook. But, even once they're out of the kitchen, their battle to stay together is not over. https://www.youtube.com/watch?v=QzFIC-Htr9M

Linking to our electricity unit, we will be using the picture book 'Timeless Thomas: How Thomas Edison Changed Our Lives' to help us create our own biography about this famous scientist.

Can you find some fabulous facts before we begin this work in class- Exciting rewards are available for those of you that accomplish the challenge!

