



Swansfield Express

Our learning this half term

Coasts and Local Issues

- What route does the River Aln take?
- What is found at the coast?
- How might Alnwick look in 50 years?

Calling all geographers out there! Let's begin this new year by exploring coasts and issues local to us. The River Aln and the course it takes will be the first part of our exciting investigation. We will then explore what we can find at the coast and the processes which lead to changes in our coastlines, as well as exploring the cause and effect of other changes, both on a local and global scale.

Get those warm clothes ready as we'll be heading out on an adventure to the coast towards the end of this half term to see real life examples of our what we've been learning about in the classroom!

Becoming a Scientist

- How many different forces can you name?
- What was Isaac Newton's greatest discovery?
- Are all forces useful?

It's time to get investigating kids... Roll those sleeves up and let's get started! We will be designing and creating boats to investigate water resistance as well as making parachutes to investigate air resistance.

Who thinks that they can design and make a new brake pad for thier scooter or bike? Let's find out.

Linking Our Learning

Let's think back to the work that you did on coasts during LKS2. What features can you find at the coast? What is the effect of the wind and the sea on our coastlines?

Amazing Artists

- How do artists create 3D objects from 2D drawings & paintings?
- What key drawing techniques support seeing and drawing, and enable me to scale up my drawing?
- How can I transform a 2D drawing to a 3D object?

You will discover how artists turn flat, 2D drawings into real, 3D shapes. Then, you'll use drawing techniques to design and build your own 3D art.

Web Wizards

Computing Systems and Networks - Systems and Searching.

Lets become World Wide Web Wizards by exploring computer systems and finding out how information is transferred. We will discover how information is found on the World Wide Web through our work on search engines (including how they select and rank results) and also what influences searching.

[Click here to visit some great 'Place Value' games online](#)

Magnificant Maths

Year 5

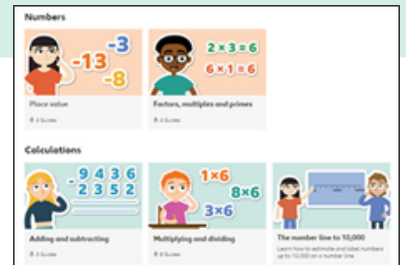
Place Value

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.

Year 6

Place Value

For those of you in Year 6, we will be exploring numbers to 10,000,000. We will also need to compare, order and round them to ensure that we are confident enough to then calculate with such large numbers!



Negative Numbers

We will be exploring negative numbers including counting through zero in ones and multiples, before comparing, ordering and finding the difference with negative numbers.

Addition, Subtraction, Multiplication and 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!

Exciting English

Floodland by Marcus Sedgwick

Set in a future world flooded by rising sea levels, Floodland follows a brave young girl named Zoe as she tries to survive and find her family in a sunken, island-based Norwich. Exploring themes of hope, resilience, and teamwork in the face of environmental disaster—leaving you asking yourself: what would you do if the world you knew suddenly washed away?

While we are exploring this fantasy fiction novel we will be building our retrieval skills, inference and also working on writing a range of genres including diary writing, informal letters, adventure stories and balanced arguments.



Keeping Fit and Active

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

Music

Charanga: Music and Technology

How does music bring us together?

RE

Creation and Science: conflicting or complementing?

PHRSE

Identity, Respect and inclusion

Building trusting relationships, diversity in the classroom and beyond as well as the realities of social media.

MFL

All about ourselves

