**Maths**

**Addition and Subtraction using 4-digit numbers. Measurements: Length & perimeters. Multiplication and division.**

Adding and subtracting using no exchanges, using one or more exchanges. Efficient subtraction. Estimation. Checking strategies.

Measuring in millimetres, centimetres, metres & kilometres. Adding and subtracting lengths. Measuring perimeters. Perimeters on a grid, rectangles, and rectilinear shapes.

Multiplying and dividing by 10/100. Multiplying by 1 & 0. Dividing by 1 and itself. Multiplying by 6,7, & 9.

**Our Curriculum**

**Somewhere to Settle – What is special about the North East?**

**Autumn 2: Year 4**



**English**

**Class novel:**

KrindleKrax

**Key texts:**

This half term we will be learning “Stories from other cultures”.

**Key Skills**

* Make predictions and inferences from what I have read.
* Ask questions to improve my understanding.
* Identify the main ideas drawn from more than one paragraph and can summarise these.
* Consistently organise my writing into paragraphs around a theme to add cohesion for the reader.
* Proof-read consistently and amend grammar, punctuation, spelling and cohesion.
* Propose changes to the grammar and vocabulary of my writing to improve it

**Science**

**Sound**

#### The children will learn about how vibrations cause sounds and how sounds travel and how sounds can change pitch and loudness. How sounds are made by completing a sound survey of our school. Create a human model of the way particles pass sound vibrations on. Explore pitch and how high and low sounds are made. Investigate how sounds change over distance and through materials.

#### **Key Skills**

#### **Working scientifically**

* making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers

#### **Key objectives**

* identify how sounds are made, associating some of them with something vibrating
* recognise that vibrations from sounds travel through a medium to the ear

**RE**

**Incarnation & God: What is the Trinity?**

We will identify John 1 as part of a ‘Gospel’, noting some differences between John and the other Gospels. We will offer suggestions for what texts about God might mean. We will be able to describe how Christians show their beliefs about God the Trinity in the way they live. We will make links between some of the texts and teachings about God in the Bible and what people believe about God in the world today, expressing some ideas of their own clearly.

**Key Skills**

* Make links between some of the stories and teachings in the Bible and life in the world today, expressing some ideas of their own clearly.
* Describe how Christians show their beliefs in worship and in the way they live.

 **How you can help!**

* Book bags to be brought to school daily.
* Read daily at home with your child
* ebooks available [www.oxfordowl.co.uk](http://www.oxfordowl.co.uk)
* Use the Look, Cover, Write method to support your child with their weekly spellings.
* Read and write the half termly Common Exception Words (CEW) set out in homework book.
* Keep up to date via parentmail, school website and twitter
* Check your child’s google classroom account weekly.
* Use School 360 activities and Times Tables Rock stars to practice spelling, reading and maths,

[www.corbridgefirst.northumberland.sch.uk](http://www.corbridgefirst.northumberland.sch.uk)

Twitter - @CorbridgeFirst

**Art and Design**

**Key artist: Ayme Fitzgerald**

**Printmaking:**

* Roller printing.
* Use of simple block shapes created by the children.
* Continue to explore blending colours

**Key Skills**

* Learn about artists and understand the historical and cultural development of their art forms.
* Plan creative work exploring my ideas and record my experiences.
* Improve my art and design techniques, including painting with a range of materials [for example, acrylic paint, watercolour].
* Produce creative work exploring my ideas and recording my experiences.
* Evaluate and analyse creative works using the language of art, craft, and design.

**Geography**

**Somewhere to Settle – What is special about the North East?**

In this unit, children head back in time to find out how the towns and cities of the UK first developed. Children will learn about the needs and requirements early settlers had when choosing a place to build a home. They will look at areas around the UK, in particular the North East to see how the Anglo-Saxons, Romans and Vikings all left their mark.

**Key Skills**

* use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
* use the 8 points of a compass, 4- and 6-figure grid references
* use fieldwork to observe, measure record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies

**P.E.**

The children will have 2 PE lessons each week. PE kits MUST be in school for the whole half term and be **suitable for outdoor sessions**. No jewellery (including earrings) must be worn on PE days which are Tuesday and Thursdays.

Tuesday’s session will be delivered by Mr Thompson and will mainly take place outdoors. Please ensure your child’s PE kit is appropriate for this. Our focus will continue to be Winter Games – Invasion Games and In-house competitions

Thursday’s session will be taught by Mrs Rutherford This half term we will be building upon our gymnastics skills. We will critique and improve our own and each other’s routines. We will set our own personal goals and challenges.

**PSHE**

**How do we treat each other with respect?**

The children will be learning about how people’s behaviour affects themselves and others.

They will learn how to model being polite and courteous in different situations and recognise the respectful behaviour they should receive in return. We will discuss how we can include others, how to be respectful and how we can prevent discrimination against others.

Other PSHE opportunities:

* Road Safety
* Children in Need
* Antibullying week

**French**

The children will learn how to remember the nouns for family members in French from memory, describe our own or a fictitious family in French by name, age and relationship and count up to 100 in French.

**Music**

Music plays a big part in our classroom. The children often ask for different pieces of music to be played during handwriting at different parts the day. Through this, we are working on showing our appreciation for a range of genres and understanding of how different pieces of music can affect our emotions.

We will continue to study the Fresh Prince of Bel-Air in our Charanga unit this term.

We will also be beginning to learn and prepare for our end of term Christmas production.

**Computing**

This half term the children will create their own blog detailing what they have learnt from research that they will complete throughout their Computing sessions. The children will learn about different technologies both old and new, about inventors and the different components of a computer.

**Key Skills**

* Appreciate how [search] results are selected and ranked
* Use search technologies effectively
* Select, use and combine a variety of software