

Gorseybrigg Primary School and Nursery

Curriculum Matters



Term **Autumn 2**

Year Group **Yr 4**

Teacher **Mrs H Bradbury**

Please note that not all subject areas will necessarily be taught each term and we cannot write down everything we teach.

Antarctica

We will answer the following questions about Antarctica

- Where it is in the world ?
- What is the climate like there ?
- If any animals live there, how can they survive the conditions?
- Who has been there and why did they go?
- Why were British explorers eager to get to Antarctica first ?
- Why do scientists travel to Antarctica today ?

English

We will be looking at a variety of texts linked with the Topic Antarctica.

We will use these texts to inform our writing of that genre including:

- Diaries and biographies written by explorers to Antarctica
 - Non chronological reports based upon Antarctica
 - Poems written about the landscape of Antarctica

We will continue to focus upon techniques to support our writing including:

- using correct punctuation/capital letters and full stops
- improving vocabulary and spelling using a dictionary and a thesaurus with our weekly spellings
 - using brackets more effectively
- using commas to show an embedded clause
 - using a variety of different connectives

Mathematics

We will continue to practice Multiplication and division facts daily up to 10 x 10.

'Moonmaths' is a great online game to help develop fluency of multiplication facts. (see link on back page)

Our weekly Mathematics topics will include written methods for addition, subtraction and multiplication of 2 and 3 digit numbers. We will use games and activities to ensure each child becomes fluent in these areas of calculation.

nrich.co.uk is a great website for different games and activities to help with mental methods of calculation.

We will also use measures to solve written word problems based on real life situations.

Science

Our Science topic 'electricity' continues from Autumn 1.

We will use our knowledge of circuits to design and make a working 'buzz wire' game. We will be using a cardboard box, an electrical circuit and insulation tape. Once we have tried and tested them we will then evaluate their effectiveness.

ICT

We will be learning about e-safety.

The children will learn how to stay safe when online at school and at home.

We will also use the internet; BBC iplayer and Antarctica images to develop our understanding of what it is like at the Antarctic

<http://www.discoveringantarctica.org.uk/>

Helping at Home

A huge thanks you for all that you are doing with your child already at home.

Use the spelling sentences homework for your child to practice writing techniques:

- Similes and metaphors
- Rhetorical questions
- Commas to show a subordinate clause

Please listen to your child read whenever possible and take an interest in the book by asking questions about the text. Questions you can ask to help your child understand the text :

- Who is your favourite character and why ?
- What do you think will happen next ?
- What techniques has the author used to keep the reader interested ?

Some Maths websites

<http://www.primaryresources.co.uk/online/moonmaths.swf>

<http://www.mathszone.co.uk/>

<http://resources.woodlands-junior.kent.sch.uk/maths/>

Many thanks
H Bradbury