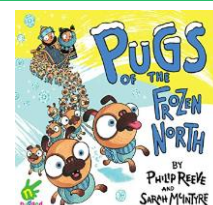


### Our Learning next half term What is a Rainforest and where can they be found? Investigating Sound

#### English:

This half term we will be exploring the book, *Pugs in the Frozen North* by Philip Reeve and Sarah McIntyre. This book is about a girl called Sika, a boy called Shen, 66 pugs, and a race to the top of the world to win an amazing prize. We aim to engage children with a fun story and fantastic illustrations, explore character viewpoint and motivation through role-play and through writing in role and enjoy a story and discuss its meanings. This will all lead into writing a narrative, based on a dilemma Shen and Sika face and its solution, together with their own illustrations.



#### Reading:

We will be exploring a range of texts through a strategy called VIPERS. VIPERS stands for the reading skills: **V**ocabulary, **I**nfERENCE, **P**rediction, **E**xplanation, **R**etrieval and **S**ummarise. These are the key areas which we feel children need to know and understand in order to improve their comprehension of texts.

#### DT:

In design and technology, we will be exploring pavilions and how they are constructed safely and in an eye-catching manner. The children will produce a free-standing structure and use this as a basis for making their own pavilion.

#### Maths:

We will be wrapping up and assessing our knowledge based on numbers to 10,000 before moving onto a unit that we all very much look forward to teaching- 'perimeter!' Here, we will begin by familiarising ourselves with regular/irregular polygons, followed by looking at calculating the perimeter of rectangles on a grid. We will then move onto to rectilinear shapes, introducing children to basic algebra skills in the process. We look forward to exploring efficient calculation strategies and applying our addition and multiplication skills to reasoning and problem-solving contexts.

After this, we plan to study in depth, the 3, 6- and 9-times tables and discovering links between them. We will use our adjacent times table facts to help us tackle those few really tricky to learn facts! Finally, we will tie up our unit by using divisibility rules to find out whether a given number is divisible. All children will be receiving their 'Sumdog' logins to practise their maths skills from home too.

#### Geography:

This term, our topic is Rainforests. Pupils will learn how life on Earth is heavily dependent on rainforests, yet humans have an adverse effect on them through processes like deforestation.

Children will compare different types of rainforests, highlighting diversity within a particular biome.

Children will begin to develop their curiosity about the diversity of life on Earth by raising questions about rainforests and seeking answers. They will have the opportunity to use maps, atlases, globes, and digital/computer mapping to locate countries and describe features studied.



## How you can support your child at home

Having conversations with your child is so very important please take the time to talk with them about current news events and anything that is important to your family. **It is also essential that you continue to take the time to read with your child and practice times tables with them daily.**

### Links to websites

[www.purplemash.com](http://www.purplemash.com) – Purple Mash

[www.activelearnprimary.co.uk](http://www.activelearnprimary.co.uk) & <https://go-read.co.uk/> – Bug Club & Go Read

[www.trockstars.com](http://www.trockstars.com) – TTRS. Get ready for the times tables check

[www.mymaths.co.uk](http://www.mymaths.co.uk) – My Maths

[www.spellingshed.com](http://www.spellingshed.com) – Spelling Shed

[www.bbc.co.uk/newsround/news/watch\\_newsround](http://www.bbc.co.uk/newsround/news/watch_newsround) - News & current affairs for children

[www.kids-world-travel-guide.com](http://www.kids-world-travel-guide.com) – Children's views of different parts of the world

<https://www.foodafactoflife.org.uk/7-11-years/> - Information and learning all about food

## Key Vocabulary

Practice key vocabulary with your child

### Geography

- Climate
- Biome
- Equator
- Tropic of Cancer
- Tropic of Capricorn
- Rainforest
- Emergent layer
- Canopy layer
- Understory layer
- Forest floor
- Vegetation

### Science

- Vibration
- Percussion
- Instrument
- Wind instrument
- String instrument
- Frequency
- Volume
- Pitch
- Transverse wave
- Longitude wave
- Medium
- Vacuum

### DT

- Aesthetic
- Frame
- Structure
- Pavilion
- Reinforce
- Stable

**All your teachers can't wait to welcome you all back happy, healthy and safe after the summer break.**

All of the Year 4 Teachers