Spiders – Year 5 and 6

Autumn Term 2

Maths

Fractions

- Equivalent fractions
- Simplifying fractions
- Convert improper/mixed fractions
- Compare and order fractions
- Add and subtract fractions
- Add and subtract mixed numbers

Multiplication and Division

- Multiply a 2-digit by a 2-digit number
- Multiply a 4-digit by a 2-digit number
- Short division
- Divide a 4-digit number by a 1-digit number
- Long division



DT – Textiles: Bags

Explore different textile products and materials, considering appearance, purpose and environmental impact.

Develop and test design ideas, create patterns and prototypes, and use accurate measuring, cutting and joining techniques to make a functional bag.

Evaluate product against design criteria and identify possible improvements.

PSHE

Celebrating Differences

PE

Gymnastics

Geography - Volcanos

- Learn how volcanoes are formed and where they are located around the world.
- Explore the positive and negative impacts of volcanoes on people and the environment.
- Identify, describe and compare different countries in Europe.
- Explore the key physical and human geographical features of Iceland, particularly the island of Heimaey.
- Compare and contrast the physical and human geography of the Westman Islands with our local area.

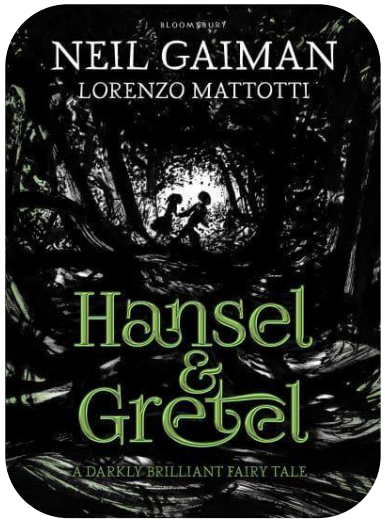
English

Fiction- *Hansel & Gretel by Neil Gaiman*

To write their own 'darkly brilliant' fairy tale.

Non-Narrative – Alastair Humphreys Great Adventures

To write about an imagined (or real-life) expedition, presenting it in more than one way.



Computing

Stop-motion animation

Music

Looping and Mixing

Science – Electricity

In science we will:

Investigate adding more cells to a complete circuit to make a bulb brighter, a motor spin faster or a buzzer make a louder sound.

Explore batteries with higher voltage and its impact.

Add more bulbs/motors/buzzers to a circuit and observe what happens.

Use recognised circuit symbols to draw simple circuit diagrams.

RE – Christians and how to live: 'What would Jesus do?'

- Learn about the four gospels and the similarities and differences between them
- Learn about Jesus's direct teaching and his teaching through parables
- Give examples of Jesus' behaviour that Christians try to follow

MFL

- Sports



Each day	Each week	Each Half Term
- Please read your book each day – even if it is just a few pages. <u>This is the most important activity you can do!</u> - Bug Club books need to be read at least twice for fluency - If you are on Accelerated Reader, you can quiz on this website either at home or when you come to school the next morning: https://global-zone61.renaissance-go.com/welcomeportal/2236638 or scan the code … 	**English** - Practice your weekly spelling list ready for a check each Friday **Maths** - Maths.co.uk assignment - **Extra:** Independent practise on DoodleMaths and Doodle Tables **SPAG** - SPAG.com assignment - **Extra:** Independent practise on DoodleSpell and DoodleEnglish -	**Topic Home Learning** **What is more dangerous: earthquakes or volcanoes?** Your task is to create a presentation answering this question. You need to decide which you think is more dangerous and explain why. Try to include: • **Facts and evidence** about earthquakes and volcanoes. • **Geographical knowledge** to explain how and why they happen. • **Examples** of real earthquakes and volcanic eruptions and the damage they have caused. • **Pictures and diagrams** to help explain your ideas. • **A conclusion** explaining which you think is more dangerous and why. **How can you present your work?** Choose one of the following: • A poster • A double-page spread • A fact file • A PowerPoint presentation Remember: There is no right or wrong answer! What matters is that you use facts, evidence and a clear explanation to support your opinion.

Reading
With Your Child

Questions to ask your child when sharing and reading stories



Reading VIPERS	Example Questions
Vocabulary	• Which word tells you that...? • Find one word in the text that means....
Infer	• How do these words make the reader feel? • What voice might these characters use? • What was ..... thinking when .....?
Predict	• What is happening now? What happened before this? What will happen after? • Do you think ..... will happen? Yes, no or maybe? Can you explain your answer?
Explain	• Which section was the most interesting/exciting/scary part? Why was that? • Why do you think they ended the chapter in this way?
Retrieve	• Where are they? How do you know? • Who had ...? Who did ...? Who is ...? • Give one example of ...
Sequence	• What happened after ...? • What was the first thing that happened in the story? • Can you summarise in one sentence what just happened?