Year 6 Curriculum Autumn 1

Geography

In our unit of learning, we will be discovering Where in the world differs from the UK.

Questions to ask my child	Key understanding
What are the continents?	Continents are the world's main continuous expanses of land: Europe, Asia, Africa, North and South America, Australia, Antarctica.
Where is Europe, North America and South America?	Europe is a continent located north of Africa and west of Asia. North America, third largest of the world's continents lies for the most part between the Arctic Circle and the Tropic of Cancer. South America is a continent south of North America, between the Atlantic Ocean and the Pacific Ocean.
What is longitude and latitude?	Both longitude and latitude are **angles measured with the centre of the earth as an origin**. A longitude is an angle from the prime meridian, measured to the east and west. Latitudes measure an angle up and down from the Equator.
What are time zones?	Different places in the world have **different times**. This is why the world is divided into **24 different time zones**. One for each hour in a day.

Science

In our unit of learning, we will be investigating electricity.

Questions to ask my child	Key understanding
What effects the output of a component?	Children associate the brightness of a lamp or the volume of a buzzer with the number of cells and voltage used in the circuit
Can you explain how you could increase/decrease the brightness of a bulb within a circuit? Can you explain how you could increase/decrease the loudness of a buzzer within a circuit?	Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
How can you represent a circuit pictorially? What do the symbols represent?	Use recognised symbols when representing a simple circuit in a diagram

Computing

In computing, we will be coding using the 2Code programme and considering online safety using a range of online programmes to develop our understanding of how to stay safe online.

PSHE

In PSHE, we will be discussing recognising and managing pressure; consent in different situation as well as considering attraction to others and different types of relationships.

PE

We will be looking at we will be further developing our skills within a unit on basketball as well as considering what it means to be fit and healthy and how exercise is a vital part of this.

RE

In RE we will be investigating Religious diversity in our area and learning about local Muslim communities

Art week

During art week, we will be design ing and create printing blocks/tiles and refine techniques for effectively printing.

Design Technology week

Using Lego and a range of materials to create a pulley system that will move a model fair ground ride. They will use design skills and mechanical knowledge to ensure they can meet their purpose.
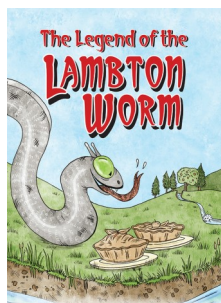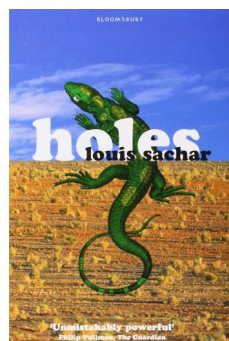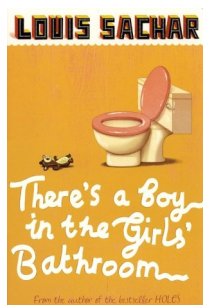
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Guided reading

This term we will be reading…

If you enjoy these books you may want to try…

Writing

In writing we will be creating:

- A persuasive text about *Holes*

- An informal local legend in the Geordie dialect inspired by *The Lambton Worm*

If you want to practice at home you could…

- Discuss emotive language such as *disgusting, vile and disgraceful.*

- Discuss Geordie words and how they could be represented in writing.

Maths

In maths we will be focussing upon additive and multiplicative relationships using place value including:

To understand that that 2 numbers can be related additively or multiplicatively and quantify additive and multiplicative relationships (multiplicative relationships restricted to multiplication by a whole number).

Use a given additive or multiplicative calculation to derive or complete a related calculation, using arithmetic properties, inverse relationships, and place-value understanding.

Composing and calculating multiples of 1,000 up to 1,000,000.

If you want to help your child practice, then use the link below to help with multiples of 1,000.

https://whiterosemaths.com/parent-resources

Y6 Autumn block 1

Please ask your child's teacher if you'd like a copy printed.