Year 3 Curriculum Autumn 1

Geography

In our unit of learning, we will be discovering **where in the world is hot and cold.**

Questions to ask my child	Key understanding
What is the equator?	An *equator* is an imaginary line around the middle of a planet or other celestial body. It is halfway between the North Pole and the South Pole and it divides the planet into a Northern Hemisphere and a Southern Hemisphere.
Why is it hotter at the equator than at the poles?	it is hotter at the equator than at the North and South Pole because the sun's heat is concentrated directly overhead at the equator.
What are the Hemispheres?	The Northern Hemisphere refers to the half of the planet that is north of the equator, while the Southern Hemisphere is all of the planet south of the equator.
What are the tropics?	The region of Earth's surface that is closest to the Equator is called the tropics. Two imaginary lines that circle the globe mark the boundaries of the tropics. The line called the Tropic of Cancer marks the northern edge. The line called the Tropic of Capricorn marks the southern edge.
What are the Artic and Antarctic Circles?	The **Antarctic Circle** is a line of latitude located at the bottom of the globe. It's on the opposite side of the Arctic Circle..

Science

In our unit of learning, we will be investigating living things and their habitats.

Questions to ask my child	Key understanding
What do we get from our food? What is a balanced diet? Why is a balanced diet important? Do all living things need the same nutrition?	Children will be able to identify that animals, including humans, need the right types and amount of nutrition, and that they get nutrition from what they eat. The will develop an understanding of the types of nutrition that a human requires.
What bones do we have? What does our skeleton look like? Do all living creatures have the same skeletons? What are the functions of our skeletons? Why do we have muscles? How do muscles work?	Children will be able to identify that humans and some other animals have skeletons and muscles for support, protection and movement.

Computing

In computing, we will be developing our understanding of coding and refining those skills.

PSHE

In PSHE, we will be considering what makes a family; and discussing the features of family life.

PE

In PE we will be looking at the fundamentals of fitness and developing ball skills which can be applied to a range of different sports.

RE

We will be looking at Hinduism and the way in which Hindus worship.

Art week

During art week, we will be linvestigating textile dyeing and print making techniques .

Design Technology week

Focusing on mechanical features and will be testing and making levers and sliders. They will be creating a information poster that incorporates sliders and levers to create moving interactive features
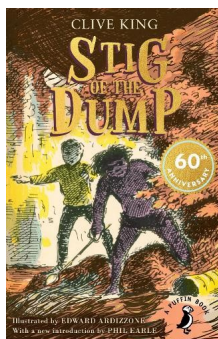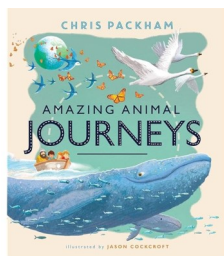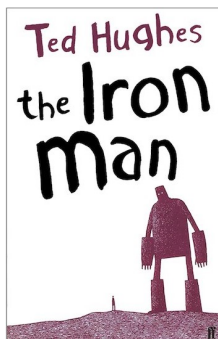
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Guided reading

This term we will be reading…

If you enjoy these books you may want to try…

Writing

In writing the children will be pretending to be scientists who have discovered a new animal and will be writing an imagined recount based on this.

We will also be writing a finding tale that links to Stig of the Dump, where the main character is to find a special

If you want to practice at home you could…

Teach an adult the features of a set of instructions.

Write a set of instructions for your favourite game.

Create a word map of adjectives to describe the day outside.

Create your own poem to describe a journey you have made on an Autumn day.

Maths

In maths we will be focussing upon place value and learning that..

10 tens are equivalent to 1 hundred, and that 100 is 10 times the size of 10.

To recognising the place value of each digit in three-digit numbers, and compose and decompose three-digit numbers using standard and non-standard partitioning.

Reasoning about the location of any three-digit number in the linear number system, including identifying the previous and next multiple of 100 and 10.

Dividing 100 into 2, 4, 5 and 10 equal parts.

If you want to practice there is a free place value workbook available at the website below.

https://whiterosemaths.com/parent-resources

Y3 Autumn block 1

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