

ENGLISH:

In English we will be reading 'The King of Tiny Things' by Jeanne Willis. This text will help the children explore micro habitats and the plants and animals that live there. The children will use the story to inspire their own creative writing and use technology to write and record their own radio broadcast about the main character. Building on the writing skills they have learnt so far in year 2, the children will plan, write and edit their own version of the story. Linked with our science learning and the RSPCA's 'Big Schools' Birdwatch', the children will write their own leaflet about British garden birds.

MATHEMATICS:

Properties of shapes – Children will continue to learn the properties of 2D and 3D shapes. They will learn to describe and sort shapes based on the shapes' mathematical properties, using the correct terminology.

Money – Children will work with pounds and pence, learning the values of the different coins and notes. There is also a focus on the addition and subtraction of money, which will help children reinforce a range of mental methods.

Multiplication and Division – Children will begin by recognising and making equal groups. They will use these groups to begin recognising multiplication through the repeated addition.

SCIENCE:

In Science the children will learn about the seven life processes and the acronym 'MRS GREN' to help them to remember them all. They will learn how to consider these life processes to identify whether something is living, dead or never alive. They will learn about the basic needs of animals, including humans, for survival (water, food, air and shelter). We will learn to understand and create simple food chains and about what they start with and why. Towards the end of January, we will take part in the RSPB's 'Big Schools' Birdwatch'. Our key scientist for this half term is Rosalind Franklin and our key science skill will be measuring.

COMPUTING:

This half term we will also be looking at using computing software in a variety of ways for different purposes. This will include using purple mash to creating graphs and databases to present our scientific discoveries during science week learning.

The children will conducting research to create data and then input it into an app which will create multiple types of graphs to display the data. The children will create branching databases to display their knowledge of categorising animals according to their characteristics using their science learning.

SPAG

In SPAG (spelling, punctuation and grammar) we will be revising everything we have learnt so far and applying it to our daily writing.

Daily spelling sessions will continue with the children practising all the year 2 common exception words and the spelling rules in the level 6 Twinkl phonics programme.

WHOLE CLASS READING:

We will continue whole class guided reading, the texts will include the biography of David Attenborough, The King of Tiny Things and Where My Wellies Take Me. The children will develop their comprehension skills by reading a range of fiction and nonfiction texts.

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THE NATURAL WORLD



GEOGRAPHY

This half term the children will be focusing on temperature and how temperature can change depending on the location. The children will identify warmer and cooler areas of the school and create a map representing their findings. They will then move onto identifying hot and cold areas of the world and exploring how far they are from the equator.

The children will also continue their weather tracking investigation by identifying key elements of winter weather and measuring the temperature, rainfall and hours of daylight.

DT:

Children will be exploring moving mechanisms using wheels and axles. They will look at model vehicles and discuss the key components of a moving mechanism. They will listen to the brief and design, make, evaluate and then improve their model vehicle looking particularly at the moving mechanism.

ART:

This term the children will revisit printing and relook at the printing styles of the artist Barbara Garrison and William Morris. They will discuss the various printing blocks they used and the ones they designed themselves including what made them effective. They will also talk about the wallpaper they printed.

PE:

This half term's gymnastics provides opportunities for children to learn and practise a variety of skills, including rolls, jumps and balances. Inspired by items and creatures found under the sea, children will develop their control, agility and coordination. The children will have the chance to apply their learning in a variety of ways and use self-assessment in addition to teacher assessments to reflect on their learning. Towards the end of the unit, the children will have the opportunity to build their own gymnastic sequences, both individually and with a partner.

RE:

This term we will be celebrating World Religion Day on 16th January. Year 2 will be discussing questions such as:

- Should we care for everyone?
- What do some religions say about caring for other people?
- How have some people shown they cared?
- How is the golden rule an encouragement to care?
- What do Christians believe about caring for people?
- What stories do Christians and Jewish people tell about the beginning of the world and how to treat the world?

MUSIC:

In music the children will be learning to sing songs with a small pitch range accurately. They will identify the pulse, rhythm, tempo and dynamics of a piece of music and will also develop their ability to move in time to a piece of music.

The children will continue to learn how to play the recorder and will learn to play a simple tune.

HISTORY:

The children will revisit their learning about the Victorians. How people lived in those days and inventions in that era.