All You Need Is Bugs

Year 6 - Autumn 2





Our Power of Reading text this term is The Book of Brilliant Bugs.

English

This half term we will be using *The Book of Brilliant Bugs* by *Jess French* to write a variety of nonfiction pieces of writing. This will link closely to our Geography and Science topics. We will immerse ourselves in nature and explore the impact humans are having on the environment and wildlife. In turn, this will inspire us to: write letters to Members of Parliament, produce instructions on how to care for these incredible invertebrates, create stimulating debates about preserving our environment, explain exactly what a 'bug' is through explanation texts and much more!

During the second part of the half term, we will look at our poetry text - *Dark Sky Poems from the Edge of Nature* – to inspire us to write our own poems about our creepy crawly friends.

Maths

- Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.
- Multiply simple pairs of proper fractions, writing the answer in its simplest form (for example, 1/4 x 1/2 = 1/8).
- Divide proper fractions by whole numbers.
- Identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to 3 decimal places.
- Multiply one-digit numbers with up to 2 decimal places by whole numbers.
- Use written division methods in cases where the answer has up to 2 decimal places.
- Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.
- Recognise angle properties in different formats.
- Compare and classify triangles and quadrilaterals.
- To find missing angles and lengths and calculate missing angles in polygons.
- To draw, translate and reflect 2-D shapes.

Science

This term we will be studying Living Things and their Habitats. We will be learning to describe how living things are classified into broad groups according to common observable characteristics, including micro-organisms, plants and animals. We will also be learning about the reasons for classifying them based on specific characteristics. We will also investigate Alexander Fleming's discovery of Penicillin and use this to help us understand micro-organisms and how washing our hands is important with a scientific investigation. We will also make observations under microscopes of this investigation.

Computing

In Computing, the children will be designing presentations all about bugs! They will analyse and evaluate how information is presented and use logical reasoning to support their design and discern which online information they will include whilst including hyperlinks.

Online Safety:

We will look at how to take screenshots as a means of evidence to online bullying and how to report appropriately.

Art

Linked to our theme of mini-beasts, we will be discovering the work and life of Rosalind Monks and Lucy Arnold. This will support us in creating our own fact files and artistic masterpieces surrounding these great artists and the insects that inspire their work. We will look into what techniques and skills we need to use to replicate the styles we have explored, and form the same atmospheres they so seamlessly generated within their creative works.

Music

In Musicianship this term, pupils will enhance their musical understanding by exploring new pitches and rhythmic concepts within the sol-fa system. They will be introduced to the 'tiri tiri rhythm' and develop their knowledge of dynamics, including Mezzo Forte, Mezzo Piano, Pianissimo and Fortissimo. Through listening tasks, interactive games, and structured singing activities will allow pupils to apply these concepts in practice, improving both their aural skills and ability to follow musical notation and they will be using their knowledge to construct a piece of music as a whole class, split into four parts.

French

We will be learning about different clothes. This will enable us to ask simple questions about what people wear. Qu'est-ce que tu portes?

RaWV

What do Christians believe about the Messiah – and why is it good news? Through the exploration of this question, we will be looking at what a prophet and a prophecy is and how Jesus fulfilled prophecies. We will also explore what impact might it have on the Christian community if these prophecies were not true.

PE

In our Thursday PE sessions, we will be focusing on our Gymnastics. We will be aiming to learn routines suited to a particular audience, using appropriate apparatus. The children will be working in pairs and small groups to create a sequence that involves a variety of skills and balances. We will be analysing performances by Olympic gymnast, Simon Biles, in order to find out what makes a gold medal routine. In addition, we will have the opportunity to be coached weekly by Surrey Cricket.

Geography

Where could these bugs live? This half term, we will be exploring our local environment in search of the habitats of the vast range of species of arthropods that exist around us. We will delve into the physical and locational geography of our planet using digital devices, atlases and globes for our research. We will hone in on our mapping skills to better understand the world we live in – all through the eyes of these incredible invertebrate. I wonder what makes a 'bug's life'?

PSHE

Our Jigsaw unit is 'Celebrating Difference.' We will be looking at how difference can be a source of conflict or a cause for celebration. How we can show empathy with our peers?

KEY DATES:

Wednesday 5th November – Bedfont Lakes
Tuesday 11th – Friday 14th November – Bristol Residential
Thursday 20th November – Sports Leader Training
Friday 28th November – Santa Fun Run
Friday 5th December – Christmas Fair
Tuesday 16th December – UKS2 Christmas Performances
Wednesday 17th December – Festive Lunch
Friday 19th December – End of Term