

Our imaginative learning project this term will be Science-led, focusing on the skeletons and diets of animals including humans.

Year 3 will use their knowledge and understanding to:

- Research and locate the bones in a human body and spot patterns
- Understand that humans and some animals need a skeleton for protection, movement and support.
- Discover that food groups that humans need to eat to survive

# Predator!

Gem: Summer 2022

## English

As writers, we will be using our focus text 'Wolves' by Emily Gravett, to build a love of reading and broaden our vocabulary.

We will be using this book for a range of outcomes: writing a persuasive advert for our very own wolf-based restaurant, writing and performing an alternative ending inspired by the book and creating a poem all about Wolves. As well as this, the children will create and publish a non-chronological report all about wolves that can be distributed to keep rabbits safe.

On Fridays, Year 3 will take part in 'Exciting Writing'- a chance to show off their writing talents based on a different genre every fortnight.



## Maths

As mathematicians, Year 3 will apply their division knowledge to find and represent familiar fractions of amounts and numbers, before learning to compare unit and non-unit fractions. As part of this unit, they will also begin to add and subtract fractions with the same denominator and use this understanding to make the whole.

Within the wider curriculum, the children will learn to measure in mm, cm and m and add these together before converting between each unit of measure.

## Family Learning Opportunities

1 hour per week on Maths Whizz

Daily 30 minute reading

Sir Linkalot spellings

### Reading Opportunities

Diary of a Killer Cat by Anne Fine

Varjak Paw by S. F. Said

## Key Vocabulary

### **amphibian**

A cold-blooded animal with a backbone that lives on land and in water. Examples include frogs and newts.

### **apex predator**

A predator that is not preyed upon by other animals and is at the top of a food chain.

### **arachnid**

An animal with four pairs of legs and two body segments. Examples include spiders and scorpions.

### **bird**

A warm-blooded animal with a backbone that lays eggs and has feathers, wings and a beak. Examples include kestrels and pigeons.

### **camouflage**

The ability of an animal to disguise and conceal itself within its environment.

### **cannibal**

An animal that eats its own species.

### **carnivore**

An animal that eats other animals.

### **consumer**

An animal that eats plants (producers) or other animals (prey) for food.

### **decomposer**

An organism, such as a fungus, that feeds on and breaks down dead animal or plant matter.

### **endoskeleton**

A skeleton that is on the inside of an animal's body.

### **exoskeleton**

A skeleton that is on the outside of an animal's body.

## PE

In PE, Year 3 will be learning to hold and defend a position when playing invasion games. They will develop their understand of tactics and improve accuracy when throwing, catching and running.

## Science

As Scientists, Year 3 will be carrying out several experiments in order to spot patterns. They will explore a variety of statements based on Da Vinci's 'The Vitruvian Man' and design their own experiments to check whether these are true or false.

They will create their own working muscle-model to strengthen their understanding of contracting and retracting muscles before going on to explore the process of fossilisation by making their own fossils to help explain the stages that occur before an animal becomes a fossil.

## Music

As musicians, the children will be inspired by Mussorgsky's 'Night on the Bare Mountain' to create their own stories based on the piece. They will then compose their own musical masterpieces using themes and motifs from the original piece, in order to create suspense and drama in their narrative.

## RE

In Religious Education, we will be answering the question 'How has Christianity changed?'. The children will learn about the Roman Catholic Church and the key similarities and differences between that and the Anglican Church, before exploring the historical context of Tudor Christianity and why many people decided to follow Martin Luther's Protestant Reformation.

## Art

As artists, Gem will become explore different patterns both in the animal world and within the school. They will then use these to create predator-inspired pieces of art and design their own animal hand puppets.

## PSHE

In PSHE, Year 3 will be thinking about how their bodies change as they grow older. They will start by exploring the changes that occur in childhood, using their own family members to help them compare, as well as what we need to grow stronger.