

St. Anne's Catholic Primary School

Year 6 Knowledge Organiser

'Animal Kingdom'

"Loving God In All We Do."



The 'Animal Kingdom' theme is about ...

In **Science** pupils will describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals.

Children will also give reasons for classifying plants and animals based on specific characteristics.

In **English** children will write a discursive essay and participate in a formal debate, inspired by the short story 'The Dancing Bear' by Michael Morpurgo.

Prior Learning...

- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird and describing the life process of reproduction in some plants and animals.
- Recognise that living things can be grouped in a variety of ways.
- Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- Recognise that environments can change and that this can sometimes pose dangers to living things.

Our current learning...

- Children will be able to explain how and why animals are classified in certain ways.
- Give reasons for classifying plants and animals based on specific characteristics.
- They will research unknown animals and choose how to classify them, providing reasons to support their decisions.
- In English children will be able to give their opinion and participate in a debate about animal welfare.

Vocabulary

RE

Eucharist, communion, community, unity, change, growth, Ash Wednesday Lent, Holy Week, the Triduum, Easter Vigil Resurrection, Paschal

Science

micro-organisms, plants, animal, classification, classify, animals, invertebrates, insects, spiders, snails, worms, vertebrates, fish, amphibians, reptiles, birds, mammals, scientists, Carl Linnaeus

History

Chronology, invasion, empire, society, noblemen, aristocracy, raid, settlement, tribe.

Music

body percussion , diaphragm, legato, motif , orchestra, percussion, phrases, pitch, pizzicato, pulse , quaver.

Computing

Algorithm, barcode, boolean, brand, Chip, Commuter, contactless, data, encrypt, infrared, proximity, QR code, QR scanner, radio waves

German

Thank you – *Danke*
Hello/Good day - *Guten Tag*
One - *Eins*
Two - *Zwei*
Three - *Drei*
Four - *Vier*
Five - *Fünf*

DT

Automata , Axel , Component , Cutting list, Dowel , Exploded diagram, Linkage



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RE

In **RE** over the next half term we will be exploring what is meant by the term 'Unity'. How Jesus talked to his disciples about unity amongst them and how we can now use that in our own lives. Our second topic as we approach Easter will be 'New Life' where we think about new life and the experiences that new beginnings can bring.

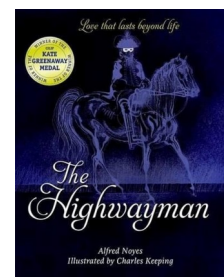
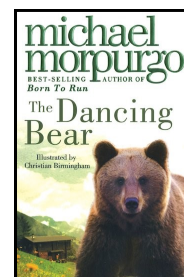
Wider curriculum learning

In **Maths** we will be continuing to develop our arithmetic skills as well as learning about shape, in particular, perimeter, area and volume. We also be studying how to interpret statistics and use our reasoning skills when solving problems. Our **History** learning will be centred around the Angloe Saxons again. This time the focus will be the the struggle for the Kingdom of England and the reasons behind the Battle of Hastings. In **MFL** we are excited to continue our learning with German and Frau Williams from St Bede's. We will be focusing on how to describe ourselves and practising our conversation skills.

In **Computing** our topic of 'Big Data' will focus on the creation of barcode and QR codes with the children being able to create their own. Through their **Music** learning the children will develop their understanding of 'Themes and Variations' with a focus on Pop Art. In **PSHE** this half term will continue our theme of Relationships: families and friendships, safe relationships and respecting ourselves and others. In **DT** the children will learn about automata toys and will explore ways to create their own.

We are going to read a range of texts from

We will be reading 'The Dancing Bear' by Michael Morpurgo.



We will also look at the poem 'The Highwayman' by Alfred Noyes.

Key dates for this half-term

Term dates: Monday 19th February—Thursday 28th March

PE Days— Monday 19th and Monday 26th February—Tennis, Friday PE lesson

After that (w/c 4th March) PE days will be Tuesday and Friday

Parents' Evening—Monday, 11th March & Thursday, 14th March