

We will be learning:

In Science, we will be learning about 'Evolution and inheritance'. We will be studying inherited and adaptive characteristics. We will study how animals have changed over time and adapted to their environment. We will study the key scientific theories of Evolution.

In Geography, we will be studying the location in the UK of key Industrial Revolution inventions. We will locate and learn about historic canals, bridges and railways and their geographical properties and impact.

In History, we will learn about the impact of the Industrial Revolution on farming, industry and everyday life. We will be studying key industrial inventions and inventors.

In Art, we will be sketching and drawing using charcoal and graded pencils. We will be exploring the form and shape of trees through photography and the work of inspirational artists.

In Music, we are learning about composition through body percussion sounds. We will be learning how to play a Brazilian rhythm, practising how to use our bodies to keep a 4 bar beat.

In PE, our topic is Athletics. We will spend time developing our running, jumping and throwing techniques.

In RE, we will be looking at rules and guidance in religion. We will be looking at our school rules, guidance for Christians in the Bible and the Precepts in Buddhism.

In computing, we will put programming commands into a sequence to achieve a specific outcome. We will be able to recognise when and how to debug a program.

In French, our topic is 'On the way to school'. We will say how we travel to school and practise saying place names in conversation.

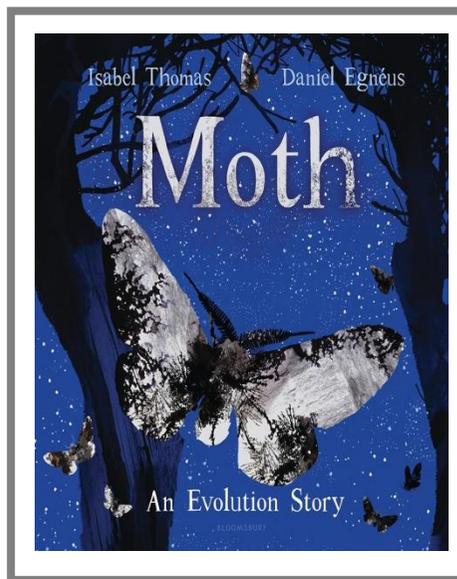
Eagle Class - Overview

Autumn 1- 2020

Our core story is:

MOTH by Isabel Thomas

Please do not read this at home with your child until the end of the half term so your child can enjoy hearing the story unfold in class.



At home you could:

- Find out about different types of moths at: <https://www.dkfindout.com/uk/animals-and-nature/insects/world-butterflies-and-moths>
- Research historical inventions during the Industrial revolution: <https://mocomi.com/industrial-revolution>
- Read daily at home with your child and talk about what you have read
- Encourage your child to practise the French words, phrases and conversations they have learnt at school.

Key English skills for your child:

- To read a range of fiction and non-fiction texts with enjoyment and understanding.
- Discuss how authors use language and vocabulary.
- Read, research and present facts and information from non-fiction texts.
- To offer opinions in discussion and debate. To record arguments and opinions in writing.
- Respond to and describe illustrations. Draw information and emotion from story pictures.
- Write a non-chronological report/ fact file using organisational features to help the reader.
- Form and write open questions to gain more information.
- Use imperative and modal verbs to persuade and argue in writing.
- Write a formal letter and understand letter layout and organisation.
- Explore grammatical features – synonyms, antonyms, ellipsis, similes and hyphens.

Key Maths skills for your child:

Identify, represent and estimate numbers using different representations.
Count in multiples of 6, 7, 9, 25 and 1000.
Find 1000 more or less than a given number.
Recognise the place value of each digit.
Read, write, order and compare numbers.
Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero.
Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.
Round any whole number to a required degree of accuracy.
Solve addition and subtraction multi step problems in contexts, deciding which operations and methods to use and why.
Use estimation to check answers to calculations and determine in the context of a problem, an appropriate degree of accuracy.
Recall and use multiplication and division facts for multiplication tables up to 12 × 12.
Multiply and divide numbers mentally drawing upon known facts.
Multiply and divide whole numbers by 10, 100 and 1000.

Please talk to Miss Knight if you have any questions.

Key Knowledge

We would like you to discuss this key vocabulary with your child so that they have a greater understanding of their learning.

Key Vocabulary

offspring	The young animal or plant that is produced by the reproduction of that species.
inheritance	This is when characteristics are passed on to offspring from their parents.
variations	The differences between individuals within a species.
characteristics	The distinguishing features or qualities that are specific to a species.
adaptation	An adaptation is a trait (or characteristic) changing to increase a living thing's chances of surviving and reproducing.
habitat	Refers to a specific area or place in which particular animals and plants can live.
environment	An environment contains many habitats and includes areas where there are both living and non-living things.



Offspring

Animals and plants produce **offspring** that are similar but not identical to them. **Offspring** often look like their parents because features are passed on.

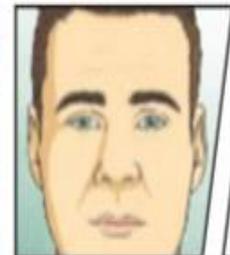
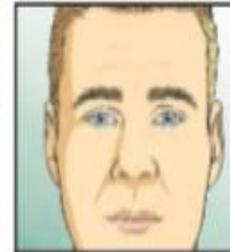
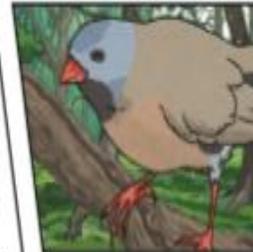
Variation

In the same way that there is **variation** between parents and their **offspring**, you can see **variation** within any species, even plants.



Adaptive Traits

Characteristics that are influenced by the **environment** the living things live in. These **adaptations** can develop as a result of many things, such as food and climate.



Inherited Traits

Eye colour is an example of an **inherited trait**, but so are things like hair colour, the shape of your earlobes and whether or not you can smell certain flowers.