

Kestrel Class Overview – Autumn 1

We will be learning:

In science, we will be learning about light. We will be investigating how shadows are formed and how they can be made larger/smaller, darker/lighter. We will also investigate which materials create the best shadow and have an understanding of the key terms; transparent, translucent and opaque. We will be able to explain how we see light and how light travels.

In geography, we will be investigating the impact of pollution on the environment.

In history, we will learn about Isambard Kingdom Brunel and the Industrial Revolution.

In art, we will be experimenting with printing techniques to create a mixed media piece inspired by the illustrations in our core story.

In music, we will be exploring how to make our own music using body percussion.

In PE our topic is moving and travelling. We will be focusing on developing our speed, co-ordination and skill in athletics.

In RSE, we will be talking about our feelings, our beliefs, our bodies, our rights and responsibilities.

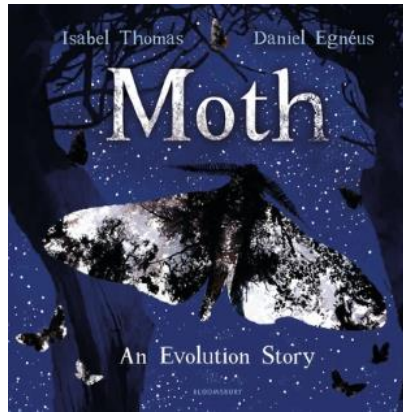
In computing, we will be learning about staying safe online and we will be using a range of software to present our work.

In French, we will learn how to introduce ourselves and how to greet others.

Please talk to Miss Srokowski if you have any questions.

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.



Key Maths skills for your child:

Year 2

- Counting in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward.
- Knowing the place value of each digit in a two digit number.
- Add and subtract numbers including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers; adding three one-digit numbers.

Year 3

- Counting from 0 in multiples of 4, 8, 50 and 100
- Knowing the value of each digit in a three-digit number
- Finding 10 or 100 more or less than a given number
- Comparing and ordering numbers up to 1000
- Adding and subtracting numbers with up to three digits.

Year 4

- Counting in multiples of 6, 7, 9, 25 and 1000.
- Finding 1,000 more/less than a given number.
- Recognising the place value of each digit in a four-digit number.
- Reading Roman numerals to 100.
- Adding and subtracting numbers with up to four-digits

Key English skills for your child:

Year 2

- understanding what they have read and being able to ask and answer questions about it
- starting each sentence with a capital letter and ending it with a full stop
- understanding the difference between a statement and a question
- writing clearly with correct letter formation with the writing sitting on the lines

Year 3/4

- understanding what they have read and being able to answer questions about it
- reading some of the Year 3/4 common exception words list
- understanding the job of different punctuation marks and using them to help with tone and expression when reading
- using full stops, capital letters, exclamation and question marks accurately
- using a range of different sentence openers
- using determiners; a/an correctly.
- writing clearly with correct letter formation and with writing sitting on the lines.

At home you could:

- Go on a moth and butterfly hunt; keep a log of how many you see; can you research the different species?
- Practise times tables:
Year 2: 2, 5 and 10
Year 3: 3, 4, and 6
Year 4: 6, 7 and 8
- Read daily at home with your child and talk about what you have read.
- Talk to your child about what they have learnt in French and encourage them to practise at home.

Key Knowledge

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

Transparent	Describes objects that let light travel through them easily, meaning that you can see through the object.
Translucent	Describes objects that let some light through, but scatter the light so we can't see them properly.
Opaque	Describes objects that do not let any light pass through them.
Shadow	An area of darkness where light has been blocked.
Retina	A layer at the very back of the eye. The retina takes the light the eye receives. It then changes it into nerve signals to send to the brain.
Pupil	The black part in the eye which lets light in.
Reflection	The process where light hits the surface of an object and bounces back into our eyes.
Pollution	Pollution is anything that makes the earth dirty and unhealthy. It happens when the environment is contaminated, or dirtied, by waste, chemicals, and other harmful substances. There are three main forms of pollution: air, water, and land.
Climate change	Climate change (or global warming), is the process of our planet heating up.
The Industrial Revolution	The Industrial Revolution was a time when the manufacturing of goods moved from small shops and homes to large factories.

