



Year 4- Autumn 2 2022

We had a fantastic start to our Autumn 1 term, learning all about the digestive system. The children produced some brilliant work and had a lot of fun exploring the human digestive system. They also learnt a lot about our teeth and why these are so important, producing a persuasive piece to convince our year 2's to keep their teeth clean and healthy.

Learning from Autumn 1





Curriculum Information- Road Trip USA!



Dear Parents/Carers,

This term the children are off on a road trip, so buckle up, sunglasses on - we're off across the good old US ofA! Flying from London Gatwick, and landing at JFK airport, New York, it's time to explore the sights and sounds of the Big Apple. Use your map skills to navigate your way around some of its most famous landmarks and send a postcard home to ask the question: Do you wish you were here?

- **Reading books** should be brought into school **every day**. Please read with your child every day in order to progress and complete the online accelerated reader quizzes. We aim to change books regularly during the week using our allocated library slot.
- Your child will need to have their PE kit in school ready for our weekly sessions of PE. For both Year 4 classes these days will be Tuesday and Thursday. Please ensure that they have appropriate clothing as they do go out in all weathers (shorts, tracksuit bottoms, jumper, t-shirt, trainers and socks). **All items of uniform and PE kit must be named. Children are not allowed to wear jewellery at school.** This half term, our Tuesday PE slots will be swimming. Your child needs to make sure they have the appropriate swimwear for their sessions and all jewellery removed.

English

Narrative – Myths and Legends

This piece of work will be linked to Native American tales. The children will use fronted adverbials, coordinating conjunctions and use paragraphs when writing their myth/legend.

Biography- Significant American

This piece of work will focus on the significance of an important American that the children will research about and develop their skills of using apostrophes for possession and direct and indirect speech.

Instruction Writing

In this piece of work the children will be learning about the features of instructions, developing this further by writing a set of instructions for their partners to follow on how to make a Native American Totem Pole.

Maths

Addition and Subtraction

Add and subtract numbers with up to 4 digits using formal written methods.

Estimate and use inverse operations to check answers to calculations.

Solve addition and subtraction problems in contexts, deciding which operations and methods to use and why.

Measures –length and perimeter

Convert between different units of measure [for example, kilometre to metre; hour to minute].

Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.

Find the area of rectilinear shapes by counting squares.

Multiplication and division

Recall multiplication and division facts for multiplication tables up to 12×12 use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1.

Multiplying together three numbers.

Recognise and use factor pairs and commutativity in mental calculations.

Multiply two-digit and three-digit numbers by a one-digit number using formal written layout.

Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.

Computing

Audio Editing

In this unit, learners will initially examine devices capable of recording digital audio, which will include identifying the input device (microphone) and output devices (speaker or headphones) if available. Learners will discuss the ownership of digital audio and the copyright implications of duplicating the work of others. In order to record audio themselves, learners will use Audacity to produce a podcast, which will include editing their work, adding multiple tracks, and opening and saving the audio files. Finally, learners will evaluate their work and give feedback to their peers.

Science

Electricity

Children will identify common appliances that run on electricity and construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers. Children will also recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit. They will also recognise some common conductors and insulators, and associate metals with being good conductors.

Geography

The children will use maps, atlases, globes and computer mapping to locate countries and describe features studied. Next the children will describe and understand the key aspects of physical geography including climate zones, biomes, vegetation belts, rivers and mountains, in USA.

History

Children will research the life and times of Native Americans and their way of life. We will then focus on the history of USA pioneers.

Reading

This half term the children will be reading 'There's a Boy in the Girl's Bathroom' by Louis Sachar.

PE- Gymnastics/Swimming

The children will learn how to combine movements, actions and balances individually or collaboratively, to create a fluid routine.

In these sessions the children will master how to swim, developing their skills further.

D&T

The children will use an online story (or Totem Tale Book) to understand totem poles and what they mean. Using this information, the children will design totems poles. The class will then create a class totem pole from cardboard boxes telling a story. Evaluating the final product.

Things that you could do at home:

- Research, using online sources, to create a timeline of Native American history. Decide which events are most important and write a caption to go with each date and explain what is happening.
- Native American symbols can vary in meaning from one tribe to another and across different regions. Symbols were used for a variety of reasons and are depicted on numerous objects. What can you find out about this mysterious language?

Here are a few websites that may help to support your child's learning during this half term.

Maths<http://www.bbc.co.uk/bitesize/ks2/maths/> Number, Place Value, Four Operations, Fractions, Geometry, Handling Data

English<http://www.bbc.co.uk/bitesize/ks2/english/> Reading, Writing and Grammar

Miss Savory, Miss Marsh, Mrs Lovell, Miss Swain, Miss Doutre

Year 4 Team





Homework- Road Trip USA



This half term, we will give out a sheet that will include a variety of home work ideas that the children can complete throughout this half term. We will then dedicate one afternoon at the end of the term to celebrate and present their work to the class. You do not need to do all of these tasks, you can choose just one for your child to do that they might enjoy doing. This is on top of our weekly spellings, TT-rockstars and century sessions that we set.