Year 6

Autumn 2

What We're Learning

A guide to what your child will be learning this term

ENGLISH

Can we save the tiger?

Formal Letter

- Write to inform - write to a government minister to explain why urgent action is needed to protect endangered tigers
- Grammar and punctuation: persuasive techniques, cohesive devices, verb tenses, relative clauses

Narrative

- Write to entertain - write a suspenseful story about the tiger
- Grammar and punctuation: clauses, adverbials, parenthesis, verb tenses, precise vocabulary choices, expanded noun phrases

Continue reviewing SPaG for the SATS and use Destination Reader for comprehension (Kensuke's Kingdom).

MUSIC

Creating compositions for an animat

- To tell a story from a piece of music through movement.
- To create a soundscape using percussion instruments.
- To create a range of sounds to accompany a story.
- To compose and perform a rhythm to accompany a story.
- To compose and notate a short melody to accompany a story.

MATHS

Number - Fractions

- Use common factors to simplify fractions; use common multiples express fractions in the same denomination
- Compare and order fractions,
- Add and subtract fractions with different denominators and mixed numbers.
- Multiply simple pairs of proper fractions, writing the answer in its simplest form
- Divide proper fractions by whole numbers

Measurement - Converting Units

- Convert between miles and kilometres.
- Use, read, write and convert between standard units, converting measurements of length, mass, volume and time.

SCIENCE

Animals Including Humans

- Describe the main parts and functions of the human circulatory system, including the heart, blood vessels and blood.
- Explain how the circulatory system transports oxygen, water and nutrients around the body.

GEOGRAPHY

Why does population change?

- To understand the change and distribution of the global population.
- To define birth and death rates and describe why they change.
- To recognise the push and pull factors influencing migration.
- To begin to understand the impact climate change can have on the global population.
- To collect data showing how population impacts the amount of traffic and litter in an area.
- To write a report on the fieldwork process, analyse findings and make suggestions to improve a situation.

PSHE

Celebrating Differences

- Perceptions of normality.
- Understanding disability .
- Power struggles.
- Understanding bullying.
- Inclusion/exclusion.
- Differences as conflict, difference as celebration.
- Empathy.

COMPUTING

Data handling 1: Big Data 1

- To explain why barcodes and QR codes were created.
- To follow a QR code treasure trail.
- To explain how infrared can be used to transmit data.
- To explain how RFID works.
- To recall the use of RFID chips.
- To describe real-world uses of RFID.
- To input data and type formulas into a spreadsheet.
- To independently sort and analyse spreadsheet data to conclude customer scenarios.

ART/DT

Textiles: Bags

- To explore and compare real textile products, thinking about, how they are used and how they affect the environment.
- To develop and test design ideas by creating pattern pieces and making prototypes.
- To use labelled drawings and diagrams to show clear design ideas.
- To use fabrics and materials suitable for the product.
- To make 3D textile shapes.
- To join fabrics securely using stitches or knots and add decorative details.
- To use pins, scissors and other tools carefully to keep fabric flat and measure and cut accurately.

RE

Why does religion look different around the world?

- To make links between a traditional Jewish meal and a denomination.
- To describe how a kippah can reflect someone's beliefs or identity within the Jewish community.
- To identify reasons why someone might wear a hair covering.

SPANISH

Nationalities

- To learn and recognise country names.
- To say where I am from.
- To use masculine and feminine nationality words.
- To give information about where someone lives.
- To build a profile by adding information about the languages I speak and my interests.
- To write an identity profile describing my country, nationality and interests in Spanish.

PE

- Passing: Select and perform appropriate passing techniques, using accuracy, direction and weight to maintain possession and find teammates.
- Receiving: Control and receive the ball effectively, preparing it for the next action while moving into space.
- Shooting: Demonstrate effective shooting techniques, selecting appropriate power, accuracy and placement depending on the position of the goal and goalkeeper.