

## **Science:**

In this unit of Science, we are looking at living things. We will be learning how to group living things in a variety of ways. We will explore and use keys to identify and name various living things. Finally, we will look at how changes to habitats can pose dangers to living things. One of our projects will be: Saving the Bees. We will explore why bees are important to our everyday lives and how we can help them to thrive in our very own gardens and school environment.

## **Computing:**

We are becoming software developers! In this unit, we are going to research and then make our own education animated game through the programme scratch. The children will have the opportunity to play some educational games made by other children to see what they might like to include. They will then map out their very own game and have a go at making it come to life!

## **Physical education and YOGA:**

Those that love football will love this unit. Those who do not will by the end! We have a fantastic coach coming into school weekly to aid in the teaching and coaching of football skill, this half term. We are going to be working on our speed, power, agility, and accuracy to become great footballers! They will learn more about the yoga anatomy and physiology. They will understand the benefits of doing yoga asanas in respect of different parts and organs of their body. New breathing practices will be introduced. In Asanas focus will be on standing postures and inversions. Introduction to yoga nidra (relaxation technique).



Autumn 1  
Year 4

Theme: Across America!



## **English:**

In English this half term, we will be reading a wonderful book written by Francisco Jimenez. This book is originally in Spanish but has recently been translated! This book follows the travels of a boy who leaves Mexico and makes his way across America, no knowing the language or culture. Our main writing outcome will be a personal recount that the children will write based on a day that they have experienced. Other opportunities for writing will include, researching and reporting about a current issue and descriptive writing of a character.

## **Maths:**

This half term, we will be looking at Place Value and Addition and Subtraction. We will be going beyond our year 3 learnings and now focusing on numbers in the thousands! We will explore and learn how to partition 4-digit numbers, how to compare, order and round in the thousands. We will also start counting in 25's and begin to look at negative numbers! When we come to Addition and Subtraction, we will learn how to add and subtract 4-digit numbers and how to estimate answers, then use strategies to see if we are correct.

## **Music:**

**FOCUS:** Using Chords on the Ukulele.  
**OUTCOMES:** Children will be able to – The children will start to use the ukulele in their lessons: they will learn how to hold and play it correctly and will then play the chords of C, F and A minor. They will use these chords to accompany songs, learning how the chord changes usually match the phrasing of songs.

## **Philosophy, Religion and ethics:**

The theme for this unit is 'the self, the soul and the supersoul'. The children will explore the meaning of self and further their understanding of the difference between the spirit self (soul) and material self (body). The children will also develop their understanding of self; they will begin to explore the idea of spirit self (Atman) and that in Hindu traditions the spirit is the self and the material body a transient vessel.

## **Geography:**

In our Geography unit, we will be travelling across the map to America. Our key question being: Can you come on a Great American Road Trip.

The children will learn how to locate the world's countries using maps, atlases and google earth. Especially taking an interest in North and South America. As we go through our lessons, we will find out more with regards to the geographical features and what it is like to live there!

## **Art/DT:**

This half term we will be getting hands-on with some DT.

We will be exploring the Pyramids and designing and making our very own. We will be thinking about the structure, ensuring we can make sturdy foundations. We will, also, think of ways that we can make our Pyramids look more authentic. Could we add some sand into the paint to great a grainy texture? Once making them, we will take a step back, admire our work and evaluate what we love, what we aren't too keen on and what we would improve next time.

## **Homework**

Children in year 4 should:

- Read every day, whether that be with an adult on independently.
- Complete MyMath homework that is assigned
- Complete SPaG online homework that is assigned.

We are currently confirming whether we will be using the CGP books. Once it is confirmed, we will pass this on.

## **Daily reading:**

Be reading for 20-30 minutes every day. If it can be out loud, that is even better. Please encourage your child to record and review their reading in the record books.

It is important to ask the children questions about what they are reading.

VIPER (Vocab, Inference, Prediction, Explanation and Retrieval) style. What do certain words mean? How do you think this character is feeling? What do you think might happen next and why?

## **PSHE/ RSE:**

### **Healthy Lifestyles**

We will learn:

- about what makes a 'balanced lifestyle'
- about making choices in relation to health
- about what makes up a balanced diet
- about opportunities they have, to make their own choices about food
- about what influences their choices about food that images in the media do not necessarily reflect reality
- about what is meant by a habit
- how habits can be hard to change

### **Growing and Changing**

We will learn:

- to recognise their achievements and set personal targets for the future
- about a wider range of feelings, both good and not so good
- that people can experience conflicting feelings at the same time
- about describing their feelings to others

## **Useful websites:**

[Times Tables Rock Stars \(trockstars.com\)](http://trockstars.com)

[Homepage | Classroom Secrets Kids](#)

[SPAG Tests Online - Practice Grammar & Punctuation Tests Online](#)

[Scratch - Imagine, Program, Share \(mit.edu\)](http://scratch.mit.edu) (Coding/Computing)

[Kiddle - visual search engine for kids](#) (Child Friendly Google Equivalent)

[BBC Bitesize](#)

[Accessing reading books at home through OXFORD OWL.](#)

[Maths Game](#)

## **Behaviour and Values:**

Our school is built on the values of respect, self-discipline, courage, integrity, empathy, and gratitude with an over-arching theme of humility. The frequent discussions of our values in class and assemblies are helpful guides to our efforts in school work and social interactions. It expected that all children show these values and try to be the best person than can be.

We have a strict intolerance to bullying and when friendships issues arise, staff take a child-led approach to mediate a solution.

## **Sanskrit:**

Pupils will phonate the vowels and consonants in Sanskrit language.

Students will be able to recognise and recall short, long, harsh and soft consonants in the Sanskrit language.

To demonstrate how to write the vowels and consonants using Devanagari script.

## **Education Visits:**

Visits to be confirmed.