

## COMPUTING – DATABASES

The children will begin by looking at the *New York Top Trumps* and how these cards display information about a particular subject. They will use these to understand the terms: field and record. They will try to manually retrieve information from the cards to answer questions before comparing this with using a database to aid their search. Next, they will create their own database to hold the information contained in their chosen *Top Trumps* cards and write retrieval questions for their peers to answer. Finally, they will learn how to search a database to retrieve an answer.

## MFL – HOBBIES

The children will understand the names of a variety of hobbies and past time in French before using different games and rhymes to consolidate these. They will then learn how to understand and follow an interview between two native French speakers talking about their hobbies. They will use this knowledge to create their own interview about hobbies with a partner and will learn how to use a French dictionary to look up any spellings or words they are unsure about.

## SCIENCE – ELECTRICITY

The children will identify electrical appliances that run on electricity. They will construct simple series circuits which involve switches before naming their basic parts (cells, wires, bulbs, switches and buzzers). They will identify whether a light will operate within a simple circuit based on whether the circuit is part of a complete loop with a battery. The children will understand a switch open and closes a circuit. Finally, they will perform a test to work out which materials conduct electricity when they are used to connect as gap in the circuit.

## GEOGRAPHY – NORTH AMERICA

The children will learn the names of the major countries of North America (United States of America, Canada and Mexico) before locating these using maps, atlases and globes. Then, the children will learn the names of the major cities in North America (Mexico City, New York, Los Angeles, Toronto and Chicago) and once again locate these on maps and atlases. The children will also locate key physical and human characteristics of the United States of America (The Great Lakes, Mississippi River, Rocky Mountains, Statue of Liberty, Mount Rushmore and the Hollywood sign).

## North America Year 4 - Spring



## RE – THE TORAH

The children will learn that the Torah is the first five books of the Jewish Bible. They will find out that the Torah is written in Hebrew and read with a yad. The children will compare the Torah to the Bible and recognise that Jews live their life by God's commands in the Torah. Finally, the children will learn about the importance of Abraham to the Jewish faith. By reading a story about Abraham and Isaac, they will recognise that Abraham had complete faith in God.

## HISTORY – THE MAYANS

The children will find out that the Mayan civilisation existed more than four thousand years ago in an area that made up most of Mexico and central America. They will find out about the different cities that were built and how these places were ruled. The children will discover how time was tracked during this period and how the calendar that we still use today was introduced for farming. This allowed the Mayans to work out when crops could be grown. The children will also be able to compare their writing to the hieroglyphics of the Ancient Egyptian period.

## DT – COIN PURSES

The children will consider how we carry valuable items such as money and will test and evaluate a range of small bags and purses by highlighting their advantages and disadvantages. They will identify the materials used before comparing these with Native American coin purses. They will design their own coin purses in this style before drawing pattern pieces. Next, they will learn how to use different sewing techniques to securely join textiles and consider the embellishment for their bags. Finally, they will test and evaluate their finished product.

## MUSIC – REGGAE

The children will develop their ability to play rhythmic patterns with an awareness of timbre. They will continue to perform a short repeated rhythmic pattern in an ensemble. They will know the number of beats in a minim, crotchet, quaver, semiquaver and semibreve and recognise these symbols. Finally, the children will compose and perform different rhythmic patterns using standard notation thinking about the duration. They will link back to previous work on tempo, pitch, dynamics and pulse.

## ART – GEORGIA O'KEEFFE

The children will study the work of American artist Georgia O'Keeffe. They will take note of the large, colourful flowers that she was famed for. They will sketch examples of her work before using pencils and pastels to create their own 2D and 3D interpretations. Next, the children will move onto exploring how Mexican folk art reflects its rich and diverse history. They will study examples of folk art mirrors before designing and creating their own. They will use repoussage and chasing to create low relief in malleable metal before using mosaic to create a border.

## OUTDOOR PE – SWIMMING

Children will be taking part in swimming lessons each week. Children will work on their skills as well as physical fitness during these sessions. Children will be taught to swim competently, confidently and proficiently over a distance of at least 25 metres. They will be taught to use a variety of strokes such as front crawl, backstroke and breaststroke. They will also consider water safety and perform self-rescue in different water-based situations. They will learn how to pace themselves in floating and swimming challenges related to speed, distance and personal survival.

## North America Year 4 - Spring



## RELATIONSHIPS AND HEALTH

The children will understand the difference in scales of small or big feelings and discuss whether their behaviour is appropriate and proportionate for their feelings. They will learn that it isn't alright to hurt someone, be nasty to them or hit someone if they are experiencing different feelings. They will recognise the importance of rest, time spent with family and friends, time spent on hobbies and interests and daily physical exercise that can help your mental wellbeing and happiness.

## INDOOR PE – ELECTRICITY

In dance, the children will apply their scientific study to create a dance sequence within small groups. They will consider how to use a variety of jumps, body shapes and transitional movements in their sequence to convey how a complete electrical circuit lights up a bulb. In gymnastics, the children will understand how different body parts are capable of transferring and receiving body weight. They will create sequences to show a variety of ways of receiving body weight with control and accuracy whilst working co-operatively and offering constructive ideas.