

## Class North America's Topic Web

Spring Term 2021

### Rainforests & The Maya

(please note planning may be subject to change)

#### Mathematics

Children will continue to develop their mathematical skills and understanding in regular mathematics lessons. Topics that we will be covering this term are:

- Fractions
- Decimals
- Percentages
- Statistics
- Coordinates in all 4 quadrants
- Shape
- Angles
- Perimeter and area
- Volume

We will also be recapping on previous units taught related to number and the 4 number operations.

The children will be expected to regularly work on multiplication facts and complete additional maths tasks through homework, booster sessions and ongoing assessment.

We will be working towards the children being able to solve a wider range of problems, including increasingly complex properties of numbers and arithmetic, and problems demanding efficient written and mental methods of calculation. This will underpin many of our maths lessons throughout this term.

#### PE

Our P.E. sessions are on a Tuesday and a Thursday. On these days, pupils will need to wear their PE kit to school. They will need to keep a spare pair of shoes/trainers/trousers (clearly named) in school to change in to if their PE kit gets wet or muddy.

## GWS - Let Our Light Shine

#### PSHE

PSHE will be taught through three main themes; Health and Well-being, Relationships and Living in the Wider World.

**Lifelong Learning Values** - During this term we will be focusing on aspiration and strength.

**Growth Mindset** - this recognizes that everyone's intellectual ability can always be further developed.

#### Topic

In the first half term our topic is Rainforests and we will be learning about: where they are located; what they are like; the four main layers of vegetation; the climate; animals and indigenous tribes; threats to the Rainforests and steps being taken to conserve them.

In the second half term our focus will be on the Mayans.

We will: investigate how and when Europeans encountered the Mayan civilisation; explore how we know about them, their way of life, how their society was organised and compare to modern society; find out about what the Maya believed in, including their religious rites and rituals; use a variety of sources to piece together what life was like for the Maya; explore the achievements of the Maya including their number systems and calendar and investigate the reasons behind the decline of the Mayan civilisation.

#### Art and DT - We will:

Learn and refine techniques to observe and draw animals  
Explore the art of Henri Rousseau and replicate some of his work using collage.

Recreate the Bonampak murals using pastels and 3D nets.  
Design, make and evaluate a model of a Mayan temple.

#### Music (with Mrs Welch) Charanga

#### English

Our work this term will develop skills in writing at length. Much of our work will have a focus on our topic. Skills we will be developing are: developing initial ideas in order to plan and draft before writing, ensure that writing suits its purpose and audience that it is intended, writing into sections or paragraphs; create cohesion by linking ideas within paragraphs. We will continue our Grammar punctuation and spelling sessions as stand-alone lessons.

#### Computing (with Mrs Green)

We will continue to be aware of, and be able to use, the rules for keeping safe on the internet. We will also continue to develop our programming skills. The children will also use computers and iPads to research to support their learning in other areas of the curriculum.

#### Science (Yr 5)

In the first half term, the children will continue with their work on forces. Here we will be thinking about: Investigating brakes and to investigate the effects of friction. To recognize that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect by exploring and designing a simple mechanism. We will then move on to think about Animals and their Habitats. Our learning focus will be: To describe the life process of reproduction in some plants and animals, to describe the life cycle of a mammal, and specifically study what Jane Goodall discovered about chimpanzees.

#### Year 6 Science with Mr. Burden

Things and Their Habitats

#### RE

**Sikhism** - The children will learn about Guru Nanak, Guru Gobind Singh and the formation of the Khalsa and the Five Ks.

**Christianity** - The children will learn about the last week in Jesus' life.