Computing

Design, write and debug programs that accomplish specific goals.
Use search technologies effectively.
Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour;

Art

South American Mask design and making (mosaics)

RE/PHSCE

The children will study the Divali story and discuss the importance of light. They will link this to modern films such as Harry Potter and Lord of the Rings and compare the importance of light.

The children will watch a clip of Divali celebrations and think about how Hindus feel at this time and write a diary entry of the festival.

The children will watch the story of Hanukah and discuss similarities to Divali. They will use this information to create a report.

PE

Sporting Influence – Children will learn skills required in Invasion games and ball skills.

They will learn Netball and Football skills.

The children will listen to South American/rainforest music and sounds to link to gymnastic movements and sequences.

Maths

Children will be deepening their understanding of operations and number and apply their knowledge to problem solve and reason. They will explore different number systems and patterns and continue to consolidate their times table learning in line with age-related expectations.

Autumn 2017

South America

Experience Days:

Hell Wath, Science and Media Museum.

Literacy-

Write and perform poetry about South America

Write a non-chronological report about an animal in a habitat.

Setting and character descriptions based on The Kapok Tree

MFL – 'Moi!' and 'Bonjour Elmer'

Children will understand which countries speak French and be able to use French greetings. They will learn colours in french

Geography

Find and locate South America. Link to UK, using maps, atlases and compasses and name countries within.

Search facts about the Amazon, including its source, length and countries it travels through. They will use these facts to create a poster

Understand the geographical landscape of Brazil and use this to create a map of Brazil.

Compare the similarities and differences between Rio and Ripon.

Create a timeline about Mayan civilisation.

Science: Living things and their habitats

Pupils can demonstrate how they would use a simple key to identify a living thing. Explain how a computer program e.g. Branch or 2question, helps you to identify a living thing. Explain to somebody in another class how the guide can help them to find out about the living things in the local area. Name an animal that hibernates. Why do some birds migrate to another country? Make a presentation about an endangered species.

Light Design a high-vis bib using the results of the test. Make a poster to warn people of the dangers of looking at the Sun. Show a picture /concept cartoon about shadows. Pupils will need to explain which statement is correct and why. (The website www.conceptcartoons.com has a free concept cartoon about shadows) Communicate verbally what they observed and explain why the shadow changes over time.

Music

A feast of chants, songs and performances. Composing word rhythms, singing a round, and creating musical recipes will develop the children's skills from breakfast through to dinner time!

Computing

Put programming commands into a sequence to achieve a specific outcome.
Combine a mixture of text, graphics and sound to share my ideas and learning
Use search tools to find and use an appropriate websites
Protect my personal information when I do different things online.

PE Use running, jumping, throwing and catching in isolation and in combination.

Play competitive games, modified where appropriate (netball and football) and apply basic principles suitable for attacking and defending.

Develop flexibility, strength, technique, control and balance (gymnastics). Compare performances with previous ones and demonstrate improvement to achieve personal best.

RE

Describe and make connections between different features of the religions and worldviews they study, discovering more about celebrations, worship, pilgrimages and the rituals which mark important points in life, in order to reflect on their significance.

Art

To improve mastery of art and design techniques, including drawing. Painting and sculpture with a range of materials.

Maths

Recognise the place value of each digit in a 3 and 4 digit numbers

Compare and order numbers up to 100 (beyond 1000 Y4)

Read and write numbers up to 1000 (beyond 1000 Y4)

Rounding numbers Y4

Solve number problems

Measure and compare, add and subtract lengths

Measure perimeter of simple 2D shapes

Interpret and present data

Autumn 2017

South America
National Curriculum aims
Hell Wath, Science and Media Museum.

Literacy

Y3 -Understand and use full stops, capital letters and commas accurately. Understand and use the term noun, adjective and simple clauses. Understand and use noun phrases.

Y4 - Use commas after fronted adverbials. Use commas to mark grammatical boundaries within sentences. Use inverted commas and other punctuation to indicate direct speech

Understand and use fronted adverbials. Use noun phrases Use the term "adjective" appropriately adjectives in sentences.

- Discussing and defining what they have in common i.e. words which qualify nouns.

MFL

Speak with increasing confidence, fluency and spontaneity, finding ways of communicating what they want to say, including through discussion and asking questions, and continually improving the accuracy of their pronunciation and intonation

Geography

Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities. Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region in North or South America Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle. Describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water
Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
Use the 8 points of a compass,

Science

<u>Living things and their habitats</u>
Recognise that living things can be grouped in a variety of ways

Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
Recognise that environments can change and that this can sometimes pose dangers to living things.
<u>Light</u>
Recognise that they need light in order to see things and that dark is the absence of light
Notice that light is reflected from surfaces
Recognise that light from the Sun can be dangerous and that there are ways to protect their eyes
Recognise that shadows are formed when the light from a light source is blocked by a solid object
Find patterns in the way that the sizes of shadows change

Music

Composing word rhythms, singing a round. Creating confidence with musical terms.