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| **SCIENCE** **Animals including Humans*** Describe the ways in which nutrients are transported within animals, including humans.
* Identify and name the main parts of the human circulatory system and describe the functions of the heart, blood vessels and blood.
* Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.
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**ENGLISH**

**Poetry**

Narrative poem based on

Michael Rosen

‘Chocolate Cake’

**Non-Fiction**Invest in our chocolate (persuasion)

How does the circulatory system work’ (explanation)

**Fiction**

Our main text will be: ‘The

Dragon with the Chocolate Heart’

 by Stephanie Burgis.

Based on ‘Rain Player’ by David Wisniewski they will be writing instructions, creating a poster, writing a missing scene and a diary entry.

**Independent Writing**

Throughout the year, the children will learn to use a wide range of punctuation taught so far. They will learn to proof read for spelling and punctuation errors and ensure their writing is cohesive.

Frida Kahlo (diary)

‘Buy Fairtrade’ (persuasion)

‘How to make the Mayan hot chocolate’ (instruction)

**MATHS**

**Multiplication and Division**

Multiply numbers up to 4-digit by a 1-digit or 2-digit number when using long multiplication; divide numbers up to 4-digits by a 1-digit number using the formal written method of short division & interpret remainders appropriately for the context.

**Fractions**

Multiply proper fractions & mixed numbers by whole numbers, supported by materials and diagrams. Calculating fractions of a quantity and using fractions as operators.

**Decimals and Percentages**

Read, write, order and compare and round numbers with up to three decimal places; recognise the % symbol; write percentages as a fraction.

**Perimeter and Area**

Measure and calculate the perimeter of composite rectilinear shapes in cm & m; calculate & compare the area of rectangles & estimate the area of irregular shapes.

**Statistics**

Complete, read & interpret information in tables inc. timetables; solve comparison, sum & difference problems using informationpresented in a line graph.

**ART**

**South and Central American Art**

Learn how to make clay monkeys, make picture puzzles using symbols, make dream catchers, draw an important person, create a collage and make traditional drums to create quality artwork that shows progression in skills. Explore South American artists Frida Khalo, Joaquin Torres Garcia, Leonora Carrington, Diego Rivera, Beatriz Milhazes and Carlos Paez Vilaro.

**RHE**

**Aiming High**

Focus on achievements, aspirations and opportunities.

**Diverse Britain**

Learn that Britain represents a wide range of faiths and ethnicities and that the structures within it are there to support all.



 **PE**To play competitive games, to develop flexibility, strength, technique, control and balance.

* Netball (Y5/6)
* Tag Rugby (Y5/6)
* Gymnastics (Y5/6)
* Dance (Y6)
* Basketball (Y5)

YEAR 5 SPRING TERM

***‘Chocolate’***



**COMPUTING**

**Scratch – Developing Games**

Use Scratch to build and edit algorithms for simple games. Develop their skills in writing their own algorithms as well as editing and debugging existing codes.

**RE**

**Humanism**

Examine the difference between religious and non-religious worldviews focusing specifically on humanism, its origins, core beliefs and the meaning of the Happy Human symbol.

**DT**

**Global Food**

Discover the exciting and diverse choice of food available around the world. Learn where in the world a variety of ingredients flourish. They will build on their understanding of the eat well plate. They will also learn some basic and advanced cooking techniques and apply these skills when making some traditional dishes from difference countries.

**FRENCH**

**Family and Friends**

Expand their vocabulary and consolidate their understanding of descriptive language, including subjective descriptions. They will learn how French adjectives must ‘agree’ with the noun they describe, in relation to both number and gender.

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**GEOGRAPHY**

**Trading and Economics**

Find out about how goods and services are traded around the world. Explore the UK’s trade links today and in the past, finding out about the good imported and exported and the methods of transport used. Learn about fair trade and why it is important in the global market.

**HISTORY
The Maya Civilisations**

Learn about who the ancient Maya people were and what their religious beliefs and rituals were. Find out more about some of the many gods they worshiped. Explore the Mayan number system and have the opportunity to read and write Maya numbers and solve number problems. Learn about the work of John Lloyd Stephens and Frederick Catherwood.

**MUSIC**

 **(Charanga)**

Children will play and perform in solo and ensemble contexts, using their voices. Children will listen with attention to detail and recall sounds with increasing aural memory.