

ART, DT and Music - design own chocolate bar using sketching techniques and design and paint using clay; Study the features and ceremonies of the temple-pyramids and palaces of the Maya; construct a temple- pyramid out of clay. Explore different forms of transport that the Maya had; design and make a transportation device with no wheels; tool technology of the Maya was based on the incredibly hard minerals jadeite and obsidian – Lions will Learn about how the Maya made beautiful and functional objects and their weaving and pottery skills. They will weave fabric in the Maya style and make pots. Carve a replica pendant out of Pears soap.

In music children will learn the dance and words to oompa loopma, and we will incorporate drums and other instruments into role play and sequences from our class novel, and the Maya ceremonies.

Maths - Place value - adding and subtracting 10 to 10,000 from six-digit numbers and rounding to the nearest 1000, 10,000 and 100,000. Measurement – finding perimeters of rectangles and composite shapes; work out missing lengths of sides to find perimeters and areas (using school objects); systematically estimate areas of irregular shapes; practically represent volumes and calculate volumes of shapes. Multiply and divide using known facts e.g.  $287 \div 27$  - express remainders as fractions or decimals; solve word problems on percentages. Statistics – interpret 24-hour clock timetables and use them to answer questions and time intervals. Draw and interpret line graphs. Solve problems involving rate. Converting improper fractions to mixed numbers; add or subtract fractions with different denominators. Consolidate written methods for all operations. Emphasis reasoning answers to enrich mathematical talk.

Physical Education - run by premier sport, PE remains to run twice a week where children will develop skills in gymnastics, dance, tennis, rugby, cricket and athletics.

Computing- This term the children will be using the laptops throughout English, art and design to develop fundamental skills on Microsoft Word, PowerPoint and Publisher. Tasks will include scripts written for character interviews, and designing adverts for their chocolate or sweet bar creations. A unit on e-safety will also be covered this term.

English – we will be following *Charlie and the Chocolate Factory* by Roald Dahl this term and we start by understanding facts and opinions about Charlie Bucket. We investigate how characters are presented, referring to the text; Design a Golden Ticket using questioning, similes and metaphors; Learn that a character's speech might be completely different to what they are thinking and feeling; Know what suspense is and pick it out in a story; Use speech marks and alternative words for said when writing a conversation; perform and investigate freeze frames and their meanings.

Throughout our writing the aim is to filter in grammar session knowledge including utilising conjunctions appropriately in sentences to expand them, and using synonyms for words to make writing more interesting. The children will become more fluent, recognising and implementing subordinate and relative clauses, relative pronouns, modal verbs, parenthesis. The importance of cohesion throughout independent writing will be emphasised, through authors writing.

History - list the key events in the Aztec history; find out about the Aztecs from artefacts and develop questioning and research skills; Identify the connection between chocolate and the Rainforests; understand how chocolate influenced the roles of Maya in history; find out about the social, cultural and religious beliefs of Aztec society.

Geography - locate the Aztec civilisation on a map; investigate where the Maya lived in details and Recreate the Maya environmental zones from coast to highlands and lowlands in the classroom, including plants and animals; discover the palaces of the Maya kings and the houses of the common people; research the trade goods that Maya people exchanged, including cacao beans, feathers, jade, obsidian; Research the trade routes the

French- The children will use their phonics skills for dialogue and writing. We will extend correct use of prepositions to improve sentence structure in Weather, items, numbers and days of the weeks.

RE - Find out about the legends of the Maya people. Explore the famous creation story of the Hero Twins and the Lords of the Underworld. Replicate Maya ceremonies and celebrations.

PSHCE - teamwork – we investigate how chocolate constituted to the civilization of the Maya and Aztec era. We relate to practical teamwork activities of our own.

Science – practical lessons take place weekly in 'forces'. We investigate air resistance, levers, fulcrums and pulleys, gears, friction and water resistance. These all link to practical scenarios to broaden an understanding and allow them to appreciate the significance in daily life.

Animals including humans – Life explorers. Gestation, foetal development and growth and change.

# CHOCOLATE

## YEAR 5