

English: In all teaching we will be using quality text based examples of grammatical features to help support the children's learning. Emphasis is given on presentation, vocabulary, spelling and grammar. We will be meeting the objectives of the national curriculum by looking at the following genres: Adventure stories, Short stories, Chronological reports, information texts and Poetry. Children will be supported by the No non-sense spelling programme and through guided reading.

Mathematics: Our mathematics this term will focus on the following themes: Number – Place Value, Addition and Subtraction, multiplication and division, statistics and Measurement: Perimeter, Area and Volume. Children will be focusing first on securing place value understanding. Children will use all four number operations, they will be expected to prove calculations and place their mathematics in a real life meaningful context.

Physical Education: The children will be taking part in 'Outdoor Adventurous Activities' at Wildside experience. They will further their invasion games understanding through Netball and develop gymnastic movement over equipment.

Class 4: curriculum overview Autumn Term 2018 : Building Bridges, Climbing Mountains

Science/DT: 'Forces' the children will be explaining that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object, identify the effects of air resistance, water resistance and friction, that act between moving surfaces. Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect.

'Earth and Space': Children will be learning to describe the movement of the Earth and other planets relative to the sun, describe the movement of the moon relative to the Earth, use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. Children will be able to explain the sun is a star at the centre of our solar system and that it has 8 planets. Children will also consider how our understanding of the solar system has changed by studying different astronomers.

Through building bridges children will apply their understanding of how to strengthen, stiffen and reinforce more complex structures whilst selecting from and use a wider range of materials and components, including construction materials.

Geography: 'Mountains' linking in with South America (the Maya region) children will consider how land effects settlement, land use and contrast these with British examples, children will use old and new maps as well as atlases. Children will learn eight compass points and how to use coordinates.

History: 'Ancient Maya' forms part of our study of a non-European society that provides contrasts with British history. Children will consider the rise and fall of the Maya in chronological order, linking the timelines to significant moments in Britain at the time. The children will be using historical enquiry skills to hypothesize using a range of sources.

Religious education: 'What does it mean for Christians to believe that God is holy and loving?' children will be thinking about Christian texts and how that may impact how a Christian might choose to act.

Computing: E-safety, understanding the risks of digital communication, including digital footprints, interacting with others and ways to protect yourself online. Children will practice typing quickly without looking at the keyboard as well as making appropriate choices about layout and features to produce documents in a variety of formats. Children will be using a spreadsheet to present and manipulate data (including the use of formulae), and create graphs. Using programs such as scratch children will develop greater understanding and explaining the function and sequence of commands in a program.

French: Children will be practising the four language skills: speaking, listening, reading and writing. The children will be focusing on greetings, days and dates, colour, pets, transport and food.

Art and Design: children will be using their sketch books to develop skills and techniques as they study Paul Klee. Children will use recycled components (eg cogs) to make 3-D sculptures.

Music: In music the children will be using Mayan music as their inspiration for work on texture, timbre and rhythm .