Maths

- Convert between grams and kilograms using decimals to 3 places and solve problems.
- Draw and classify 2D shapes accurately using knowledge of their properties.
- Calculate missing angles on a straight line, around a complete turn and in 2D shapes.
- Know and use formulas for finding areas and perimeters of shapes.
- Convert different units of time.
- Finding numbers to satisfy equations with unknown variables.
- Add, subtract, multiply and divide fractions.
- Use ratio and proportion to solve problems, including using scale factors.

English - Reading & Writing

- Discuss ideas, events, issues, characters and plots, comparing themes within and between books.
- Consider use of language and its impact on the reader.
- Summarise ideas and explain views using evidence from text.
- Select vocabulary and grammatical structures that reflect formality required.
- Develop cohesion across a text using adverbials, antonyms and synonyms.
- Use a range of clause structures, varying their position, including use of relative pronouns to expand noun phrases.

English – Grammar, Punctuation and Spelling / Phonics

- Expand noun phrases with relative clauses (*who/m, which, that, where*)
- Use synonyms and antonyms.
- Use adverbials to express degrees of possibility, including modal verbs.
- Use passive verb forms.
- Strategies for learning statutory and own personal word lists.
- Generate words using prefixes: *bi-, aqua-, super-, auto-, trans-, tele, circum-, extra-, pro-, anti-, semi-, aero-*
- Homophones in everyday contexts

Science

Classification
- Understand systems for classifying living things (plants and animals).
- Identify and sort living things by their features.
- Understand the difference between vertebrates and invertebrates.
- Understand micro-organisms.
- Observe differences in characteristics.
- Develop own criteria to classify living things.
- Understand the difference between classification and identification.

Computing:

- Design and write a program to help check mathematical problems, using Education Code Crunch.

Year 6

Teachers: Mrs Bagshaw, Miss Lavender, Mr Paget & Miss Green

Term 3   Topic title: A Journey like no other!

WHITE CLIFFS
PRIMARY COLLEGE
FOR THE ARTS

MFL: French – Talk about my family, ask and respond to questions, describe others people and pets.

RSE: Explore changes during puberty, life choices: conception, pregnancy and preparing for parenthood.

Geography

- Understand the journey of a river from source to mouth.
- Locate the Amazon in South America, identifying what is the same and what is different to the UK.
- Explore land-use around rivers and how the culture differ.
- Understand specific geographic climates and technical language around rivers.

Music

- Listen to and appraise music different composers (modern and historical).
- Use tuned and un-tuned instruments to create own composition symbolising the journey of a river.
- Use informal and standard notation to record composition.
- Evaluate performances and make improvements.

Art / DT

- Develop techniques and control in cuttings, shaping and combining materials.
- Use observations to review ideas.
- Improve mastery skills in collage.

PE

Dance
- Learn and perform Haka dance routine.
- Develop own sequence, combining movements in the same Haka style.
- Create sequences to symbolise the movements of a river.
- Understand techniques for movement with fluency, expression, sensitivity, and control.
- Observe and give feedback back.

RE

Sikhism
- Describe features of Sikh religion, using correct religious language.
- Understand the importance of Guru Nanak's story.
- Know about the ten Gurus.
- Explain what makes the Guru Granth Sahib holy.
- Know how a gurdwara is used for worship.
- Make links between religious beliefs, practices and experiences.

Learning for Life

- Interview of a Brazilian to explore cultural differences.
- Appreciate how music can be used to tell a story or share emotions and the skills and dedication involved in being a musician.
- Interview of a new parent exploring the impact of having a baby.