

RAGING RIVERS KEY STAGE 2 AUTUMN TERM 2016

Geography

- Where does our water come from?
- Rivers of the World
- Features of a river
- Erosion and deposition
- How do we use rivers? (Past and present)
- Holding back the flood

Computing

- design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts
- use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs
- use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

Science

- Forces and Magnets
- Electricity

Design Technology

understand and apply the principles of a healthy and varied diet

- prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques
- understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.

French

- listen attentively to spoken language and show understanding by joining in and responding
- explore the patterns and sounds of language through songs and rhymes
- engage in conversations; ask and answer questions;
- speak in sentences, using familiar vocabulary, phrases and basic language structures

Art

- create sketch books to record observations and use them to review and revisit ideas
- improve their mastery of art and design techniques, including drawing, painting with a range of materials [for example, pencil, charcoal, paint, clay]
- about great artists in history- Monet

PE

- play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending
- swim competently, confidently and proficiently over a distance of at least 25 metres
- use a range of strokes effectively [for example, front crawl, backstroke and breaststroke]
- perform safe self-rescue in different water-based situations.
- develop flexibility, strength, technique, control and balance

Music

- play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- improvise and compose music for a range of purposes using the inter-related dimensions of music
- listen with attention to detail and recall sounds with increasing aural memory
- use and understand staff and other musical notations
- appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians

Citizenship

- Linked to trip to Slavery Museum in Liverpool- focus on equal rights for all

English

- Reading comprehension skills (according to age and ability)
- Study book-Journey to River Sea by Iva Ibbotson: diaries, letters, information texts, character studies
- Information texts- non-chronological reports and arguments
- Grammar to include: conjunctions, tense, person, formal language, prepositional phrases
- Spelling rules
- Evaluate each others' writing
- Classic Poems: features of poetry, preparing and memorising sections, synonyms, antonyms, similes, metaphors, personification
- Use of hyphens, semi-colons, colons, parenthesis
- Proof reading and editing.

History

- Use of rivers over time
- Year 5 and 6 Liverpool and the Mersey

Mathematics

1. Place value
2. Addition and subtraction
3. Shape and data
4. Multiplication and division
5. Time and data
6. Division and fractions
7. Measures

Planning will be differentiated according to age and ability

RE

- How do Christians love their neighbours: serving one another, Mother Teresa, artists, poets?
- What motivates people to serve?
- What is different about a Christian serving the community and others?
- Christmas- incarnation