

MEDIUM TERM PLANNING
AUTUMN TERM 2018/19
YEAR 4

SCIENCE

Solids, Liquids & Gases

Children will learn about:

- the key properties of solids, liquids and gases
- porous and permeable solids
- viscosity
- non-Newtonian liquids
- a range of different gases
- how many materials consist of a combination of solids, liquids and gases
- the processes of changing state through heating (melting and evaporation) and cooling (condensation and freezing/solidification)
- the key characteristics of water and air

ART

Painting

Using the paintings of artists associated with water, children will develop painting techniques. These artists include:

Turner	Colour-washing
Seurat	Pointillism
Monet	Colour mixing
Hockney	Observational painting of seasonal trees
Van Gogh	Reflections on water

MUSIC

Listening to the music of Smetena, Debussy and Britten, we are going to:

- learn to listen with focus
- understand that music has historical and cultural contexts
- know and understand how composers have used instruments and sounds to create pictures and moods in music.
- learn to use sounds and instruments expressively.
- represent sound as images.

RIVER THAMES

BOOKS

- Finton Fedora the World's Worst Explorer by Clive Goddard

DESIGN AND TECHNOLOGY

- Design and make boats using papier mache, dowel and fabric.
- Cook spaghetti rivers with pasta sauce

GEOGRAPHY

River Thames

Children will learn about the following, with links to the Thames:

- the features of a river
- the water cycle
- types of settlement and land use (Why do people live near coasts? Why is industry found on rivers?)
- water features in the landscape
- human & physical comparison between different rivers: Thames, Severn, Amazon, Nile (link with Egyptian topic)
- How previous use of the Thames affected people who lived nearby.
- How we treat and look after the Thames
- how to use maps, atlases and on-line mapping tools to locate countries and describe features studied.

Children will be able to name and locate counties and cities of UK, geographical regions and their identifying human and physical characteristics (eg hills, mountains, coasts & rivers)

P.E.

Dance – children will portray the journey of a river from source to sea.

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DISCRETE SUBJECTS:

ENGLISH (GENRES TO BE COVERED):

- Stories/short novels that raise issues
- Recounts
- Setting and character descriptions

COMPUTING

- Develop functional skills of decomposition, sequence, repetition and debugging.
- Develop thinking skills in computational thinking, algorithms and logical reasoning.
- Develop generic coding, Scratch coding and debugging skills using iPads, laptops and Unplugged lessons.
- Evaluate and compare interfaces.

FRENCH

- Recapping vocabulary.
- Describing people, their hobbies and nationalities.
- Telling the time.

WRITING SKILLS

Through 'Writing-Workshops', the children will embed key writing skills of using:

- interesting and varied vocabulary
- accurate punctuation including speech marks and apostrophes
- neat and joined-up handwriting
- a wide range of conjunctions to extend sentences
- pronouns to aid cohesion and avoid repetition
- correct tenses
- expanded noun phrases to add detail
- fronted adverbials to open their sentences in a variety of ways.

Children will also focus on the skills of planning, editing and evaluating their written work.

MATHS

Children will be taught the National Maths Curriculum working to develop skills in:

- Number and Place Value
- Addition and Subtraction
- Multiplication and Division
- Fractions
- Properties of Shape
- Position and Direction
- Measurement
- Statistics

For full details, please see the school website which outlines the expectations for each year-group.

P.E

- Basketball
- Swimming (Wednesday afternoons)