

Science –Marvellous Mixtures

Knowledge (Substantive)

- I know materials can be solids, liquids or gases
- I know materials can be sorted into groups according to properties including hardness, solubility, transparency, conductivity (electrical and thermal) and response to magnets
- I know some materials change state when heated or cooled Heating causes melting and evaporation
- I know removing heat causes condensing and solidifying (freezing)
- I know some materials will dissolve in a liquid
- I know changes including baking, burning and the reaction of certain chemicals result in new materials
- I know that the changes that result in new materials are not usually reversible.
- I know mixtures can be separated by filtering, sieving and evaporating

Skills (Disciplinary)

- I can say how materials are either solids, liquids or gases.
- I can sort materials into different groups according to their properties, including hardness, solubility, transparency, conductivity and their response to magnets.
- I can explain how heating or cooling materials causes melting or evaporation.
- I can see how heating causes condensing and solidifying.
- I can identify that some materials will dissolve in a liquid.
- I can explain how baking, burning and adding certain chemicals can result in the creation of a new material.



RE

How do people express their faith through Art?



- Pupils can understand that art forms can be used to express deep feelings and emotions.
 - They know people can express their religious faith through a wide variety of arts, whichever most helps the individual.
 - Understand and discuss which faiths use the arts a lot in worship, e.g. those for which music is important.
 - Discuss how some of the arts explored could be used to enrich worship, and the place where worship takes place.
- Pupils know that not all religions express themselves through arts in the same way, and some depictions are not allowed. Give examples.

English

Writing	Grammar and punctuation	Reading
<p>We will be writing:</p> <ul style="list-style-type: none"> - Instructions - Persuasive Letter 	<p>We will be learning about:</p> <p>Instructions</p> <ul style="list-style-type: none"> • Time conjunctions • Imperative verbs • Present tense • Second person • Technical language • Adverbs to start sentences • Colons • Bullet points • Formal language • Simple sentences • Commas to separate lists • Modal verbs • Proper nouns • Parenthesis using brackets and commas. <p>Persuasive Letter</p> <ul style="list-style-type: none"> • First person • Formal language • Informal language • Layout • Tenses • Modal verbs • Imperative verbs • Conjunctions – causal, summarising and exemplification. • Rhetorical questions • Comparative and superlative adjectives • Exaggerated language 	<p>We will be reading:</p> <p>The Saga of Eric the Viking Terry Jones</p> <p>This is the tale of a Viking warrior by the name of Erik. But Erik is no ordinary Viking. With his trusty band of men, he sets sail in search of the land where the sun goes at night – but he finds much more! The Sea Dragon, Dogfighters and giants combine to make his voyage a great saga of thrilling adventures..</p>  <p>Vocabulary Infer Predict Explain Retrieve Summarise</p> 

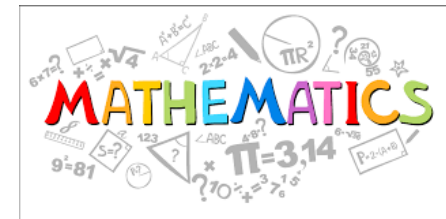
Maths

Y4

Number: Fraction (3 weeks)
Number: Decimals (3 weeks)

Y5

Number: Decimals and percentages (2 weeks)
Measurement: Perimeter (2 weeks)
Statistics (2 weeks)



- I can understand that the changes created are not usually reversible.
- I can filter, sieve and evaporate some mixtures.



- Repetition to persuade.
- Generalisation/quantifiers
- Emotive language
- Making opinion appear as fact
- Formal language
- Statements
- Conditionals



St. Matthew's CE (Aided) Primary School and
Nursery Centre
Half-termly Curriculum Map for St Cecilia
Spring Term 2- St Kateri 45JB
Mega Machine

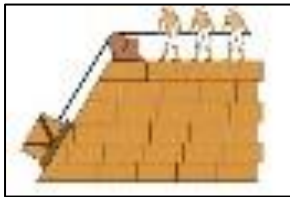


Mega Machine

This project teaches children about simple machines, including wheels, axles, inclined planes, pulleys and levers, exploring how they helped ancient builders to lift and move heavy loads.

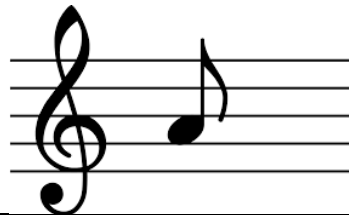
Focus – Mechanisms

(Pulleys and Levers – Create a mega machine to pull a Viking longboat up onto the shore)



Music Lean on Me

Exploring Soul and Gospel Music



Computing

Online Safety
Is Seeing Believing?

Data and information
Data logging

Recognising how and why data is collected over time, before using data loggers to carry out an investigation.

Spanish

Face and body parts

(Face and body parts nouns and commands, yoga with body parts, alien creation)



PSHE – Dreams and Goals

In this Puzzle the class talk about setting simple goals, how to achieve them as well as overcoming difficulties when they try. The children learn to recognise the feelings associated with facing obstacles to achieving their goals as well as when they achieve them. They discuss partner working and how to do this well.



PE

Indoor - Handball



Outdoor - Cricket

