



Summer Two 2016

Below is an outline of the work to be covered over the next half term in Y4

Cross Curricular Theme: 'Rio da Vida.'

Subject	Topics
Literacy	<p>Vocabulary, grammar and punctuation: Pupils will have opportunities to practice using possessive pronouns and be able to understand how to use apostrophes for possession and omission. Spellings: Pupils in Year Four will receive a list of spellings each week which they will be expected to learn and practise at home. Please note pupils will be tested on these spellings in the classroom every Friday.</p> <p>The writing tasks we will undertake are:</p> <ul style="list-style-type: none"> • Discussion texts focused on Olympic topics, e.g. Should snooker be an Olympic sport? • Write a set of instructions for how to play / compete in an event. • Children will create a mini non-fiction book about Rio using what they have learnt.
Numeracy	<p>The Maths No Problem sessions will cover area, perimeter, position, direction and symmetry. In addition to this on a Thursday and Friday, the Big Sheet maths lessons will link to our Olympic theme, for example:</p> <ul style="list-style-type: none"> • Using measuring tape, children to measure one another's jumps and record them in a table. • Using stopwatches, children to time one another completing 'Olympic style' races. • Data handling – children to collect about one another's favourite event. • Symmetry using the flags of the different competing countries. • Complete the sequence – using flags or the kits from different countries. • Representing the medal table as a bar chart / pictogram. • Use the medal table to practise addition of multiple numbers (gold, silver and bronze). • Flag fractions – finding $\frac{1}{2}$, etc
DT/Art	<p>Our Olympics themed activities will be:</p> <ul style="list-style-type: none"> • Recreate the Olympic rings using different materials / techniques for each ring e.g. focusing on textures. • Observational drawing of a well-known athlete focusing on shading and facial features.
Science	<p>Our Science topic this half term will be plants. The children will study the parts of flowering plants and their functions, the conditions affecting plant growth and plants as living things. They will investigate how water is transported in plants and describe their life cycles, in particular how seeds are formed, dispersed and germinate.</p>
Music	<p>Pupils will continue their brass lessons with Mr Davies, playing either the trumpet or trombone. Each week they further develop their understanding of how to recognise and play different notes as well as playing them in sequence as a collective. A Midsummer's Night Dream - singing and rehearsing for our production.</p>
History/Geography	<p><u>History</u></p> <ul style="list-style-type: none"> • Posing historical questions – why is it called the Olympics? Why are there five rings? When and where were the first Olympics? • Similarities and differences between the first Olympics and Rio 2016. <p><u>Geography</u></p> <ul style="list-style-type: none"> • Look at where Brazil is on a map. Where is Rio? What is the landscape like? The weather? • Make a Rio weather station so the children can compare daily the weather in Rio and the UK.
P.E.	<ul style="list-style-type: none"> • Children to experience as many Olympic events as possible e.g. different running races, long jump, high jump, discus, javelin etc. • Hold a mini-Olympics where the children can take part in similar events e.g. sprint, hurdles, long jump, high jump etc.

	<ul style="list-style-type: none"> Using equipment, children to create their own event. What would the rules be? How would it be scored? <p>In addition we will also learn the skills and rules associated with rounders.</p>
R.E.	What is the dominant religion in Brazil? What festivals are associated to it? How does it compare to religions already studied this year?
P.S.H.E.	<p>We will prepare a response to the Big Question, 'Is everyone equal?' To do this we will:</p> <ul style="list-style-type: none"> Hot seating – What makes the Olympics fair? How does it include everyone? Look at the Paralympics – events, athletes. Discuss equality and how the Olympics symbolises the world coming together to compete.
Spanish	Unit 12
Computing	Programming and control. Children will move on from SCRATCH to program using JavaScript through the Pencil code website. This coding ability will then be applied to physical computing and used to program microprocessors. To control a set of traffic lights for example.