



Year 5 Summer 1 Topic Plan

	<p>Coasts</p>
<p>English</p>	<p>Writing: We will study persuasive writing techniques and then write our own persuasive letter to a real or imagined recipient, requesting that they do something. Later on we will look at the story of Grace Darling and from that, create a diary recount.</p> <p>Grammar: This term we will be using adverbials, prepositions and expanded noun phrases. Different sentence types – relative clauses and subordination.</p> <p>Spellings: Over this half term, we will continue with the Year 5 statutory words. The sixth list will be issued during week two. Year 5 spelling patterns will be taught through a weekly discrete lesson and regularly applied during our morning work and our literacy and topic lessons. Children can access Spelling Frame at any time during the term and practise the Y5/6 rules which they have been learning in class. They can also access any previous year group rules should they wish to revise their spellings.</p>
<p>Maths</p>	<p>We will begin to work on decimals including:</p> <ul style="list-style-type: none"> • Rounding decimals • Percentages • Percentages as decimals and fractions <p>We will then move on perimeter and area, statistics and then on to geometry and properties of shape which will continue into the next half term.</p> <p>Vocabulary: Decimal place, tenths, hundredths, thousandths, percentages, convert, equivalent, vertices, point, degrees, angles regular/irregular polygons</p>
<p>Science</p>	<p>Forces: The children will learn about different forces such as gravity, friction and water and air resistance including how these can balance and oppose each other. They will understand how mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.</p> <p>Vocabulary: Gears, lever, fulcrum, opposite, force, resistance, Newton,</p>
<p>Geography</p>	<p>Coasts: We will be studying the coasts of the UK and in particular North Yorkshire – looking at how they are formed, erosion, how they have changed over time and their human and physical geography. This of course coincides with our trip to Robin Hood’s Bay!</p>

	Erosion, bay, headland, sediment, arch, stack, stump, coastline
Computing	<p>Crumble (2): We will be using crumble to explain how selection directs the flow of a programme and that a conditional statement connects a condition to an outcome – we will do this by designing and making a moving merry-go-round which will have flashing lights.</p> <p>Programme, condition, outcome, closed loop, continuous loop,</p>
Art	<p>DT – Researching different styles of bridges the children will then design and make a prototype bridge of their own which they will evaluate.</p> <p>Vocabulary – design, bridges, pillars, beams, trusses, strengthen, make, decorate, evaluate.</p> <p>Linking to our Geography topic of ‘Coasts’, we will be studying the coastal paintings and techniques of the Canadian artist Maud Lewis. We will be using our knowledge on Coasts to consider adding specific coastal features to our paintings and will be using Acrylic paints.</p> <p>Vocabulary – coastal features, landscape, Maud Lewis, sketch, draw, paint, acrylics, colour mixing, evaluate</p>
PE	<p>We will look at fitness and sports science.</p> <p>Vocabulary: Circuits, reps, muscles, exercise, activity</p>
RE	<p>What does it mean if God is holy and loving? We will be exploring what Christians expect God to be like and using the theological terms ‘holy ‘loving’ ‘eternal’ ‘omnipotent’ and ‘omniscient’</p> <p>Vocabulary: Messiah, holy, omnipotent, omniscient</p>
Music	<p>In <u>music this half term</u>, the children will continue to learn either the trumpet or trombone; this is taught by a peripatetic teacher from North Yorkshire’s Wider Opportunities.</p>
PSHE	<p>Me and my relationships: We will learn about <u>simple and safe routines to prevent the spread of bacteria and viruses</u> and the <u>importance of immunisation</u>. As well as discussing what makes a relationship healthy and positive, both on and offline.</p> <p>Vocabulary: cleanliness, emotions, immunisation, vaccination, communication, collaboration, assertive</p>