



<p><b><u>Science</u></b>          We will cover two units this term:  <b>Sound:</b> We will learn that sounds travel as vibrations and how a sound waves can be represented. We will also learn how sound travels through solids, liquids and gases and how sound is changed from vibrations to what we hear.  <b>States of Matter:</b> We will learn about the differences between solids, liquids and gases and recognise that the same material can exist as a solid, a liquid or a gas. We will also learn how to separate solids from liquids. We will investigate the different properties of materials.</p>	<p><b><u>Maths</u></b>          In maths we will cover elements of number, shape and space, data handling and investigative problem solving.          We will be spending an extended amount of time looking at number and place value. We will also be calculating larger numbers using a range of practical and written methods. This term the children will be encouraged to learn their times tables up to 12x12. The children will be thinking about describing numbers, i.e. odd/even, greater than/less than, multiples of...</p>	<p><b><u>Religious Education</u></b>          We will be learning about sacred books this term and studying the meanings of Christmas and Diwali.  <b><u>PHSCE</u></b>          We will be looking at New Beginnings including Rules and the needs for rules which will form an important part of our work this term. We will also investigate litter and pollution. Later in the term we will learn about how to develop our school grounds.  <b><u>French</u></b>          In French your child will be learning to say and recognise numbers up to 30. They will learn how to say the weather and tell the time.</p>
<p><b><u>PE</u></b>  <b>Dance and Gymnastics (Indoor):</b> This term we will be working on our dance and gymnastic skills in PE.  <b>Games (Outdoor):</b> We will learn simple invasion tactics and start to think about how to organise ourselves to defend our goals, playing small, uneven-sided games, and move on to even-sided games.</p>	<p><b>Year Four          Autumn Term 2016          Curriculum Map</b></p>	<p><b><u>ICT</u></b>          In ICT we will be looking at repeating patterns and editing images to enable the children to learn how to use software. We will also be looking at searching the web, the skills needed to do this effectively and comparing a range of search engines. This will also be linked to our Romans Theme.</p>
<p><b><u>Theme</u></b>          The theme during the Autumn term is The Romans. During this theme we will look at the history and culture of the Roman Empire. The children will find out about where the Romans came from and why they invaded different countries. They will also take part in a variety of art and design activities. We will be including extended writing within our Romans theme, linking to objectives learnt in English. We will also be including a visit to Segedunum.</p>	<p><b><u>English</u></b>          This term we will be covering a variety of elements of narrative which will be focussing on stories with a historical setting and stories set in imaginary worlds. Non fiction texts, such as recounts (newspapers and magazines) as well as poetry will be studied.          Grammar: Consistent use of a range of punctuation. Extending sentences through use of a wide range of connectives. Use of nouns and pronouns to avoid repetition in writing.</p>	<p><b><u>Additional Information</u></b>          We welcome your child to Year Four. Your child will be given reading, spelling and English or Maths homework every Friday to be returned the following Tuesday.          Also at home, we encourage your child to regularly practise their multiplication facts, up to 12 x 12. We hope you can support your child with their homework .          PE Kits –Tuesday-Outdoor / Thursday –Indoor          Thank you for your support.</p>



<p><b><u>Science</u></b>          We will cover two units this term: Animals including humans and Electricity.          In the <b>Animals including humans</b> the children will learn how to classify animals according to their characteristics. We will also look at food chains.          In the <b>Electricity</b> unit the children will build simple circuits and recognise the components of a circuit including how to draw a circuit using the correct symbols.</p>	<p><b><u>Maths</u></b>          In Maths we will cover elements of number, shape and space, data handling and investigative problem solving.          We will be calculating larger numbers using a range of practical and written methods. This term the children will be encouraged to learn their times tables up to 12x12. The children will be thinking about describing numbers, i.e. odd/even, greater than/less than, multiples of...</p>	<p><b><u>Religious Education</u></b>          We will be learning about What We Know About Jesus. We will also learn about the Easter story.</p> <hr/> <p><b><u>PHSCE</u></b>          We will be learning about the importance of rules and laws in society and also the importance of helping others and charitable organisations .</p>
<p><b><u>PE</u></b>  <b>Gymnastics (Indoor):</b> The children will be developing their skills creating gymnastic sequences and using apparatus  <b>Games (Outdoor):</b> In this unit the children will develop the range and quality of their skills when playing games using rackets.</p>	<p><b>Year Four          Spring Term 2017          Curriculum Map</b></p>	<p><b><u>ICT</u></b>          This term the children will be looking at 3D design and creating simple 3D models. This unit will be linked to our theme looking at historical buildings. They will also be Programming games with Kodu which is a tool from Microsoft to create 3D games.</p>
<p><b><u>Theme</u></b>          This term we will be studying the Victorians within a local history study. The children will have the opportunity to study local primary sources including old photographs, maps and census data. They will find out about what life was like in Wallsend during the Victorian era. During this term the children will also have the opportunity to participate in a workshop to find out about the life of a coal miner and to visit Beamish.</p>	<p><b><u>English</u></b>          This term we will be covering a variety of elements of narrative which will be focussing on stories for other cultures and stories set in imaginary worlds. Non fiction texts, such as information texts, as well as poetry will be studied.          Grammar: Consistent use of a range of punctuation. Extending sentences through use of a wide range of connectives. Use of verbs and adverbs to make writing more interesting.</p>	<p><b><u>Additional Information</u></b>  <b>Homework:</b> Your child will be given reading and Literacy or Numeracy homework every Friday to be returned the following Tuesday . Spelling homework will be given out on a Monday to be returned on the following Friday. Also at home, we encourage your child to regularly practise their multiplication facts, up to 12 x 12.          We hope you can support your child with their homework .          Thank you for your support.</p>



<p><b><u>Science</u></b>          This term we will cover Living things and their habitats. In this unit the children will classify animals based on their habitats and diet. They will explore food chains and the effect of change on these structures.</p> <p>To support the children's scientific understanding, the children will also be taking part in a science week wheret hey will conduct scientific experiments and understand the importance in a fair test.</p>	<p><b><u>Maths</u></b>          In Maths we will cover elements of number, shape and space, data handling and investigative problem solving.</p> <p>We will be calculating larger numbers using a range of practical and written methods. This term the children will be encouraged to learn their times tables up to 12x12. The children will be thinking about describing numbers, i.e. odd/even, greater than/less than, multiples of...</p>	<p><b><u>Religious Education</u></b>          We will be learning about Hinduism, particularly God and worship at home and beliefs and practices.</p> <p><b><u>PHSCE</u></b>          We will be learning about the importance of the relationships we have with our peers and how to develop our self esteem .</p>
<p><b><u>PE</u></b>  <b>Athletics (Indoor):</b> In this unit children concentrate on developing good basic running, jumping and throwing techniques.</p> <p><b>Outdoor and Adventurous( Outdoor):</b> children learn how to read and follow different maps and symbol trails. They also take part in a range of trust and communication activities, and in some adventure games.</p>	<p><b>Year Four          Summer Term 2017          Curriculum Map</b></p>	<p><b><u>ICT</u></b>          This term we will be looking at writing an algorithm (which is a set of instructions to achieve a goal). The children will be using basic flow diagrams to sequence instructions.</p> <p>The second unit will be LegoWEDO –Mechanisms and Machines. The children will look at how mechanisms allow machines to work. They will apply what they have learnt to their own designs.</p>
<p><b><u>Theme</u></b>          This term the children will look at the United Kingdom focusing on the human and physical geographical features. Map work and River studies will be part of this theme. The children will also have the opportunity to go into their local environment to learn how to conduct field studies. The theme will be linked to our Science Units.</p>	<p><b><u>English</u></b>          This term we will be covering a variety of elements of narrative which will be focussing on stories which raise issues and dilemma and play scripts. Non fiction texts, such as explanation texts, as well as persuasive texts will be studied.</p> <p>Grammar: Consistent use of a range of punctuation. Extending sentences through use of a wide range of connectives. Use of verbs and adverbs, nouns and pronouns to make writing more interesting.</p>	<p><b><u>Additional Information</u></b>          Homework: Your child will be given reading and Literacy or Numeracy homework every Friday to be returned the following Tuesday . Spelling homework will be given out on a Monday to be returned on the following Friday. Also at home, we encourage your child to regularly practise their multiplication facts, up to 12 x 12.</p> <p>Thank you for your continuing support.</p>