

Excellence and Enjoyment, Everyone and Everything. "God created you to be amazing" Ephesians 2:10

Autumn 2 - Year 5 Red Hill Riches

Science	Geography	DT
<p><u>Space: What do we know about Earth and Space?</u></p> <p>I know that...</p> <ul style="list-style-type: none"> - The Earth orbits around the sun in our solar system - The moon orbits the earth - The Earth takes 365.25 days to orbit the sun - The Earth rotates on its axis every 24 hours. 	<p><u>Mountains: Why are mountains magnificent?</u></p> <p>I know that...</p> <ul style="list-style-type: none"> - Hills and mountains are different - Mountains can be formed in different ways including: Fold, Volcanic and Block - A topography map demonstrates the gradient of a mountain - The Malvern Hills are located in Worcestershire and are 425m high. - The highest mountain in the world is Mount Everest in the Himalayas - Mountain tourism has advantages and disadvantages 	<p><u>Structure: Bridges</u></p> <p>I know that...</p> <ul style="list-style-type: none"> - Bridges have different designs to add structure and reinforcement - A truss bridge has diagonal reinforcement - Wood needs to be cut using accurate measurements - Pieces of wood need reinforcing on joins
Music	PE	Computing
<p><u>Genre: Modern classical</u></p> <p>Composer study: Gustav Holst</p> <p>Instrument: Glockenspiel</p> <ul style="list-style-type: none"> - I know the difference between 2/4, 3/4 and 4/4 time signatures - I know how triads are formed - I know what a drone is 	<p>Indoor – Fitness (Wednesday Afternoons)</p> <p>Outdoor – Football (Monday Afternoons)</p>	<p><u>Systems and Searching</u></p> <p>I know that...</p> <ul style="list-style-type: none"> - Systems are made up of different parts that work together through input, process, and output. - Computer systems include both human and digital elements that manage tasks. - Web searches help us find specific information, and results can vary between search engines. - Tools like web crawlers create indexes to help search engines find and organise information. - Search engines use rules and criteria to rank results. - Search results can be influenced by adverts, algorithms, and the way search engines make money. -

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<p><u>Why do Christians believe Jesus was the Messiah?</u> <u>(Incarnation)</u></p> <p>I know that...</p> <ul style="list-style-type: none"> - <i>Incarnation</i> and <i>Messiah</i> are key parts of the big story of the Bible. - Gospel and prophecy texts use special religious language to describe Jesus and God's promises. - The Bible links the Incarnation and the idea of the Messiah, and theological words can be used to explain this. - Christians show their belief in Jesus being God on Earth (the Incarnation) when they celebrate Christmas in different ways. - The idea of Jesus being the Messiah makes sense as part of the wider story of the Bible. - Some people believe Jesus is the Messiah (a Saviour from God), and this belief is still important in the world today. - Believing Jesus is the Messiah can make a difference to how people live their lives. 	<p><u>Celebrating Difference</u></p> <p>I know that...</p> <ul style="list-style-type: none"> - People come from different cultures and backgrounds. - Racism is when someone is treated unfairly because of their race or skin colour. - Spreading rumours or name-calling can be a form of bullying. - Bullying can be direct (face to face) or indirect (behind someone's back). - Money doesn't always bring happiness — kindness and love matter more. - Every culture is special and should be respected and celebrated. 	