




Before starting your challenges, read Lesson 1 Topic, which has been put onto the website. You must do at least 1 challenge a week, however, you are permitted to do more. Each challenge is worth a specific number of points. Your aim is to achieve as many points as possible by 5<sup>th</sup> June. You must keep all evidence of work to be shared on a platform that will be released next week. Be as creative and resourceful as possible!

|         | Bronze (1 point)   | Silver (2 points)   | Gold (3 points)   |
|---------|--|---|---|
| English | Darwin was a famous explorer. He was one of the main figures promoting 'The Theory of Evolution and Adaptation.' What 10 questions could you have asked him? Use the 5W's and 1H (What, Why, Who, When, Where, How) to create interview questions. What responses do you think he would have given you? You can use the internet to try to find out.   | Imagine you are Darwin. Write a diary entry describing your discoveries in South America. What have you found? How did you find it? Where did you find it? What is it like? How do you feel about this discovery? How could this change our view of the world?<br><b>Remember to include the features of a diary.</b>   | Write a persuasive letter to Ms. Jameson, persuading her to fund a trip for Year 6 to visit and explore The Darwin Centre in London. Explain what the centre is and how it would be beneficial for Year 6 to visit it. What are the benefits for your learning? How could it help you in your own evolution towards Secondary?<br><b>Remember the features of persuasive writing.</b> |
| Maths   | Create your own 5 questions for a survey about travel or holidays. You can decide what you would like your survey to be about.<br><br>Think about:<br><br>What your main focus will be for your questions (try not to mix up too many ideas).<br><br>Are your questions closed or open? (Do they only have yes/no answers or a broader range of answers?)<br><br>How could you make your questions more unusual with the most interesting answers? | In your evolution to becoming an adult, there may be times when you need to decipher information on a map. In the map below, each square is equal to 13m. Use this information to measure the lengths of each of the following:<br><br><br><br>The Church                      The Fence                      The Bridge<br>The River                      The Road | Create a maths challenge for any or all of the following:<br><br>1. Likes<br><br>2. Dislikes<br><br>3. Beliefs<br><br>4. An equation to measure the features of someone's face.<br><br>5. What measurement forms can you use to find the size of different bones of your body?  |





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|------------------------------|---|--|--|
| <p>Science</p>               | <p>Here is the number of students who chose to study different science topics at university in 2018:</p> <p>Medicine + Dentistry: 65,875<br/>         Architecture + Building: 53,620<br/>         Mathematical Science: 44,575<br/>         Veterinary Science: 7,860<br/>         Engineering + Technology: 164,975<br/>         Computer Science: 107,250</p> <p>Write 6 of your own thoughts and observations about this data, including, which is most popular and why might this be? Which subjects appeal to you? Why?</p> | <p>Research one animal that is <b>native</b> to the United Kingdom before the Roman invasion. (An animal that has always been here and was not brought over by others).</p> <p>Create a fact file about this animal.</p> <p>How have they evolved? How is it suited to our climate? If they became extinct, how would this impact the environment? What do you feel about this animal? How do you think it has survived? How can humans use this information to ensure their own survival in a constantly changing world?</p> <p><b>Remember to include the features of a fact file.</b></p> | <p>Over the centuries, many different instruments have been used to help explorers navigate. These include:</p> <p>compasses, astrolabes, cross-staffs, traverse boards, radar, sextants, position-line slide rules... to name a few!</p> <p>Choose one navigation tool to research in more detail.</p> <p>Why have you chosen it? How do you feel it has helped humans in their evolution through the ages? Can you explain the science behind how it works and how it was used? What were its advantages and disadvantages?</p> <p>Write a report on the item you have chosen.</p> <p><b>Remember to include the features of a non-chronological report.</b></p> |
| <p>Art/Design Technology</p> | <p>Choose a famous landmark of the U.K. that tourists come to see, it must be one that has really caught your attention, or one that you really like. Create a picture of this using any medium you like (sketch, paint, crayon, watercolour, clay!) Ideas could include: Stonehenge, St. Paul's Cathedral, Angel of the North, Old Trafford, Shakespeare's Globe, Lake District...</p>   | <p>You must design a town for 1000 people. Remember to label all sketches that you create for the various structures of your town. Apart from houses, what do you think are the 10 most important places that should be in your town? Design a map of your town and record down where all these places are located.</p> <p>What things do you believe to be important in a town? Why?</p> <p><b>Challenge: include a distance scale and a key?</b></p>   | <p>What do you believe is important or would be important for you, if you could explore the world like Darwin? Invent a new piece of equipment that will help you when exploring the world. This could be a navigation tool, communication equipment, survival tool etc. <b>You must include a detailed, labelled diagram; materials it is made from; what it does and its advantages and disadvantages.</b></p>   |

