| **Year 5 Topic:** Earth and Space **Autumn Term** A **2021/2022**  Below is a summary of what your child will be covering in each subject with suggested activities you could do to support the work done in school. | | | |
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| **English:**  In English, we will be using ‘The Jamie Drake Equation’ as a starting point. In our writing sessions we will:   * Learn about different ways to add description and how it can be used effectively to create effects in writing * Study features of, and write our own, newspaper report * Draft, evaluate and edit work * Continue to develop knowledge and understanding of grammar and punctuation   **Parents please would you:**   * Read every day with your child. * **Allow your child to use Doodle English for 10-15 mins daily.** | **Maths:**  We will:   * Learn how to read, write, round, order and compare numbers to at least 1,000,000 and determine the value of each digit * Learn how to read Roman numerals to 1,000 (M) and recognise years written in Roman numerals * Learn how to add and subtract whole numbers with more than 4 digits * Learn how to solve comparison, sum and difference problems using information presented in a line graph   **Parents please would you:**   * Ensure your children know all of the times tables to 12 with immediate recall of the number facts. * **Allow your child to use Doodle Maths for 10-15 minutes daily.** | **Science:**  **Focus-** Space  We will:   * Describe the movement of the Earth, and other planets, relative to the Sun in the solar system * Describe the movement of the Moon relative to the Earth * Describe the Sun, Earth and Moon as approximately spherical bodies * Use the idea of the Earth’s rotation to explain day and night and the apparent movement of the Sun across the sky   **Parents please would you:**   * Talk to your child about the topic. | **Computing:**  We will be:  Becoming more familiar and confident with Scratch software to:   * program an algorithm as a sequence of game instructions with actions and consequences. * Add additional effects and features, such as sound or point scoring, to enhance the appeal of a game   **Parents please would you:**   * Talk to your child about staying safe online. * Discuss the various computer games your child may already play. * Use the Scratch software on Purple Mash to develop your child’s understanding. |
| **P.E:**  We will:   * Hold and swing a bat correctly to connect with a bowled ball * Bowl a ball using the correct technique to reach the batter * Catch a ball accurately when it is thrown directly to them * Accurately throw a ball overarm and underarm in the right direction * Use a range of tactics during a game when instructed and explain how these will benefit the overall strategy   **Parents please would you:**  Ensure your child brings their swimming costume/trunks, swimming hat and towel to school on Mondays and wears the correct P.E. kit to school on Wednesdays. | **History:**  We will:   * Learn why what we know now was quite different to what was once thought. * Deepen our knowledge and understanding of space exploration. * Learn about the many inventions created that have increased our knowledge and understanding of the universe.   **Parents please would you:**   * Answer any question your child might have about these discoveries and inventions – most answers can be found online. * Share any examples of the topic that you may know or have heard of. | **R.E:**  **Topic- Beginning with God** We will be learning to:  * Recognise or retell the story of Moses and the Burning Bush * Describe what is believed about the nature of God drawn from some Biblical metaphors * Make links between their own experience and metaphors for God in the Bible * Describe the Trinity using the sign of the Cross * Describe and show understanding of God from two sources of revelation: Scripture and the Nicene Creed * Show how belief in God as the Trinity developed   **Parents please would you:**  Share any knowledge of the topic with your child. | **PSHE:**  We will be learning:   * To recognise our worth as individuals, by identifying positive things about ourselves and their achievements, seeing our mistakes, making amends and setting personal goals; * To face new challenges positively by collecting information, looking for help, making responsible choices and taking action; * Why and how rules and laws are made and enforced, why different rules are needed in different situations and how to take part in making and changing rules   **Parents please would you:**   * Encourage your child to voice their opinions and consider the opinions of others. |
| **Useful websites:**   * <http://www.bbc.co.uk/bitesize/ks2/> - BBC Bitesize * <https://www.purplemash.com/login/> - Purple Mash * <https://www.dkfindout.com>   Information Website. | **Music:**  We will be:   * Listening to a variety of music styles. * Discussing ways in which we can enhance a performance with percussion and actions.   **Parents please would you:**   * Allow children the opportunity to listen to styles of music they may not have heard before. | **Art /Design Technology:**  We will:   * Paint a space themed picture in the style of famous artist Peter Thorpe, using an abstract art background and space feature in the foreground.   **Parents please would you:**   * Share your art interests with your child. Perhaps visit an art gallery and share the reasons for your favourite pieces. |  |