| **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-** SpaceWe 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.
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| **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.
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| **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.
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