Year 5   **Topic:** It Came From Outer Space   **Spring Term** B 2022/2023

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.

English:

In English, we will be using 'The Iron Man' and 'The Jamie Drake Equation' as a starting point.

In our writing sessions we will:
- Make effective language choices
- Use paragraphs to organise our writing
- Study features of, and write our own, newspaper report, playscript and ode poem
- Draft, evaluate and edit work
- Continue to develop knowledge and understanding of grammar and punctuation

Parents please would you:
- Encourage your child to read for at least 20 minutes daily and complete their records
- **Allow your child to use Doodle English for 10-15 mins daily**

Maths:

We will learn about:
- The equivalence between fractions, decimals and percentages
- Perimeter and area of polygons and compound shapes
- Line graphs, tables and timetables

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, keep a moon diary and visit the London Planetarium if you are able to

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

Art and Design:

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

Geography:

We will:
- Study a range of maps and compare their features
- Learn to use the eight compass points
- Learn about the way in which places have changed over time

Parents please would you:
- Share any examples of maps with your child. Look at their features and work together to plan a route to a place in London

R.E:

Topic- From Lent to Easter

We will be learning about:
- Matthew's account of the instruction to give alms, pray and fast
- Matthew's passion: Palm Sunday to Good Friday
- The Liturgies of Palm Sunday to Good Friday

Parents please would you:
- Share any knowledge of the topic with your child

PSHE:

We will be learning:
- To understand feelings, and why and how they lead us to behave the way we do
- About self-awareness – feeling good about ourselves, taking risks
- Managing our feelings – relaxing, coping with anxiety
- Standing up for ourselves – assertiveness, standing up for our views

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.
- https://www.doodlelearning.com/ Doodle Learning

PE:

The children will have regular weekly PE lessons taught by a PE teacher.

We will be learning how to work together as part of a team by playing the game 'dodgeball'.

Parents please would you:
Ensure your child brings their swimming costume/trunks, swimming hat, goggles and towel to school on Wednesday and wears the correct P.E. kit to school on Friday.

Music:

The children will have regular weekly music lessons taught by a music teacher.

We will be learning to:
- Listen and appraise music
- Sing in unison
- Play instrumental parts by ear and from notation
- Improvise and compose a simple melody using simple rhythms

Spanish:

The children will have regular weekly Spanish lessons taught by a Spanish teacher.

We will be learning:
Greetings and locating Spanish-speaking countries