

Parent Information Sheet

Spring Term

Year 5 St Maximilian Class



Learning Journey

Our Year 5 topic for the Spring Term is: '**Earth and Beyond**'. We will learn about how mountains, volcanoes, earthquakes and other natural phenomena are formed and where they are found. We will also be exploring Space; looking at planets, stars, moons and galaxies. During our learning journey we will have a visit from a planetarium which will transform our school hall into far galaxies.

Maths

Children will develop skills in different maths topics. These being: Percentages, Capacity, Negative Numbers, Line Graphs, Long Multiplication, Reflection & Translation, Calculating with Fractions and Mass. There will be weekly times-table practice.

English

The children will begin by exploring the text *The Firework Maker's Daughter*. The children will focus on planning, writing, editing and redrafting their work whilst exploring character, setting and plot. They will create persuasive argument pieces linked to the text. The children will develop non-fiction writing skills by creating an in-depth biography of Katherine Johnson. Children will also explore the text *Running Across The Roof of the World* to

help them create narrative pieces. Children will continue to examine different grammar rules in context and will continue to have weekly spelling and guided reading practise.

RE

Please see the RE curriculum sheet.

Science

Children will start on their new topic, Earth and Space linking in very closely with our overall learning journey. Children will find fascinating facts about the Sun, Moon and Earth and develop an understanding of day and night, the four seasons and the Moon's phases. The Sun and the planets making up our Solar System are investigated, along with the other stars in their constellation.

Art & DT

Children will be studying Pop Art and looking at key Pop Art artist Andy Warhol. They will look at how Pop Art used bold colours and repetition of patterns to create impact.

Children will study and make a wide range of materials and components. They will have the opportunity to make scale models of volcanoes.

PE

Pupils will think about how exercise is linked to health and well-being and discover different ways to help personal fitness. They will explore developing cardiovascular fitness, strength and flexibility. They will take part in a variety of different circuits as well as developing their own and also looking at the importance of warm ups and cool downs during exercise. They will consider what happens to their body both during and after exercise. Children will also continue to develop their knowledge and understanding of Netball and further develop their attacking, defending and positional skills.

Computing

Children will explore video production looking at different camera techniques before creating their own video sequence.

Children will also explore how databases work and they can be used to store and filter information in different ways.

History & Geography

Children will study how natural phenomena are formed including volcanos, and earthquakes. They will also discover where these can be found using atlases. Children will also learn about topography through studying rivers and mountains. Children will collect and create information files on certain

natural phenomena linking in with English writing skills. In history, children will look into the life and work of NASA mathematician Katherine Johnson.

Spanish

Children will continue to develop their speaking, writing and listening skills through the unit 'Do you have a pet?' They will move onto 'The Planets' unit later on in the term where they will be able to learn what the different planets in our solar system are called in Spanish and write short sentences about them.

PSHE

In EPR we will continue to follow our scheme of work from Ten Ten moving onto Module two 'Created to Love Others'. The module will explore personal relationships looking into not feeling under pressure and allowing the children to understand there are different types of abuses and pressures which people can suffer. The module will also explore cyber bullying and the use of social media. This linking to the scams talk we had from East Sussex Trading Standards which aims to alert children to the different types of scams that can appear online. You are able to view the Ten:Ten resources used in class through the Ten:Ten parent portal using the same log in sent out at the start of the school year.

Music

Children will be engaged in the 'Solar System' unit where they will explore different musical techniques such as rhythm, texture and dynamics and analyse the impact they can have on a piece of music. Their next unit after that is called 'Healthy Eating' where the children will explore music with different beats and practise singing following syncopated beats and in unison.

Homework

In line with the current school homework policy, this will be set every Friday and will be due in on the following Wednesday.