Gorringe Park Primary School

Dear Families,

The best learning takes place when the context is meaningful and made real to the child's own life. We hope that by sharing our aims, you and your family will support your child's learning in any way you can. If you have any skill, resources or knowledge that you can contribute and share with us at school, please see your child's class teacher.

Maths

This half term, we will be building on our knowledge of multiplication and division. This term we will be learning about factors, prime, square and cube numbers. We will apply this knowledge to answer reasoning and problem-solving questions. Later on in the term, we will learn about fractions. We will find equivalent fractions, recognize non-unit fractions, compare fractions and adding and subtracting fractions within a whole.

English

In English, we will be reading 'The Lost Thing' by Shaun Tan. From this text, we will create a range of writing pieces such as character descriptions and alternative story endings. We will also dive into some non-fiction reading in 'Hidden Figures' by Margot Lee Shetterly. With this book, we will write biographies, fact files and film reviews.

RE

This term, we will be learning about the Islamic faith and their traditional customs. Children will learn how Muslims show good practice and live a good life, understand Muslim festivals and what the inside of a mosque looks like.

Title

Year 5 Autumn 2

Investigating Our World

PE

During this half term, we will be improving our balance and co-ordination through Gymnastics. We will be learning how to preform rolls and handstands safely as well as how to use different hand apparatus. We will then end the unit off by preforming a routine.

Science

In Science we will be learning about Earth and Space. Children will use their research skills to explore the features of the planets in our solar system and learn to order them using a mnemonic. They will also focus on how Earth orbits the Sun and will link this understanding to what they already know about day and night. The children will use photographs to understand more about the moon and its lunar phases.

Geography

In Geography, we will study Ordnance Survey maps and write a description of the local area. We will learn about contour lines and revise six-figure grid references to locate features on maps. In Geography, we will also learn about the Greenwich Meridian and find out that Greenwich Mean Time, or GMT, is taken from the Prime Meridian.

Music

In Music we will be listening to music related to Space. We will then use these songs as inspiration to help us compose our own raps about Space. We will learn how to use music technology to compose rhythms to accompany our compositions.

DT

In Design and Technology this term we will be learning about pneumatic systems. We are going to use simple resources to create a Pneumatic machine that might help an astronaut to load a spaceship.

Investigating Our World

During the Investigating Our World project, your child will study Ordnance Survey maps to write a description of the local area. They will learn about contour lines and revise six-figure grid references to locate features on maps. We will then be looking closer at Mitcham and use their understanding of settlement hierarchy to classify if Mitcham is a city, town, village or hamlet.

Your child will learn about the Prime, or Greenwich, Meridian and find out thatGreenwich Mean Time, or GMT, is taken from the Prime Meridian. They will know that the Earth is split into 24 time zones and calculate the time in places worldwide.

Help your child prepare for their project

To help your child prepare for their topic, try out a few of the following activities:

Use Google Maps to search the local area and see if they are able to identify physicaland human features around their home town.

Walk around Mitcham and create a map of where they live using the points of acompass features of map.

Learn how to read Ordnance Survey maps.