



Year 5 Newsletter—Autumn 2



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Teachers - Mr. Heigington (5H) Mr. Lampard (5L)
Set Teachers - Ms. Blackburn
Support staff - Lisa, Bilqees, Abdi

Dear Parents,
Hello and welcome back. We hope the children are well rested and ready to learn. Please speak to any of the team before school from **8.55am** should you have any questions or require any help or support.

School hours:

The school bell will ring at **9am** for the **start** of school therefore children should arrive by **8:55am**. School **finishes** at **3.30pm** and children can be collected from this time.

PE & Fitness:

Year 5 will have PE every **Tuesday** and **Friday** and Fitness every **Wednesday** morning. Please make sure that your child brings the PE kits.

Behaviour reward:

If your child receives a Good News Slip this half term their name will go into a reward box and at the end of the term 24 lucky children will be selected from KS1 and also KS2. The prize will be a KS1 Winter Wonderland party or a KS2 Ice skating at Somerset House provided by our Business Partners Rothschild Bank.

Trips:

The children will be going to 'The Royal Observatory' **on Wednesday 29th November 2017**. In Greenwich. This is to coincide with their new topic 'Space & Forces'. During the trip they will watch a special show called 'Meet the neighbours' where they will learn more about our Solar System and the surrounding planets. If you would like to come along as a parent volunteer and have attended the workshop, please see Forida and Shelly.

Important dates

Children In Need—Fancy Dress Friday 17th November 2017
Parent's Meeting—Friday 15th December 2017
Christmas Lunch—Friday 15th December 2017
Christmas Party—Monday 18th December 2017
D&T Day - Thursday 15th December 2017



Ideas on how to support your child's learning at home.

These are the topics we will be learning:

English:

Non-Chronological reports

Children will be learning how to write a non-chronological report on a planet in the Solar System. They will begin by looking closely at features of a non-chronological report. Year 5 will then develop their skills on note-taking and research the Solar System. As a class children will write a report on one of the planets in the Solar System, then lead onto writing an independent report about life in Space.

Science Fiction

The pupils will be reading different kinds of science fiction texts. These are stories that make imaginative use of the scientific knowledge they have learnt during their topic sessions. They are often set in the future and use the science and discoveries that others have made to imagine other things that may or may not be possible. At the end of the unit they will be asked to write a science fiction story independently having learnt the features of this particular genre and written a shared piece with their teacher.

Science fiction stories they can borrow from the library are: **Journey to the Centre of the Earth, Ender's Game, The Animorphs series.**

Maths:

Number, place value, counting and using all four operations.

Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit including roman numerals. Ask your child what a digit in any given number up to 1,000,000 represents e.g. What is the value of 8 in 568,956? Or what number is XV?

Count forwards or backwards in steps of 100, 1000 or 10,000 and 100,000 for any given number up to 1,000,000.

We will solve problems using the four operations (+, -, \times , \div) and place value. You can help by asking questions such as what will I add to 85 to make the total of 150?

It is very important for your children to learn their times tables. Please ensure your child is practicing their times tables up to 12 times table.

Your child should be able to use their times table and division facts in order to answer times table questions. They can apply this knowledge well if you ask them questions such as 'What division facts can you make from $60 \times 3 = 180$?

Children should be encouraged to begin conducting surveys using tally charts e.g. how many cars drove past the house in 5 minutes? How many bus stops did we pass on the way home?

Try these websites for research and activities at home:

For more information about these topics and resources such as websites check out our frog page at oldpalace-towerhamlets.frogos.net (do not include www.)

Homework

In year 5 homework will be given to the children every **Thursday** and should be returned on **Wednesday**.

Reading – please ensure that your child reads for 30 minutes every day. Talk to them about what they have read and ask some questions. For example re-tell the story, how did the author create suspense? What emotive language was used?

English & Maths activity—each week your child will receive an activity to complete please ensure your child spends at least 20 minutes a day on either.

Spellings, Times tables & Mental Maths - The children will be tested weekly. Please ensure your child learns these at home.

They will mark their homework in the lesson which will be brought home in a folder along with their new piece of homework.

Research Project

Key Learning

Our topic this half term is 'Space and Forces'. We are learning about the Solar system. The children will be exploring the solar system as well as the effect of different forces.

Knowledge

For their research project, they will be acting as astronomers exploring the planets of our solar system, and learning about the moon.

Skills

Use persuasive devices appeal to various audiences

Recount and diary writing skills

Designing, making and evaluating skills

The children have the option to produce the following:

1. Write a persuasive text to encourage people to live on the moon.

Success Criteria:

Research to find out all about the moon.

Plan what the people that live on the moon would be like.

Imagine the sorts of things that people on the moon could do. Be creative!

Plan your presentation - what will be on each slide? Create your Powerpoint

2. Write a **recount** about visiting the moon.

Success Criteria:

Research to find out all about the moon.

Plan what the people that live on the moon would be like.

Imagine the sorts of things that people on the moon could do. Be creative!

Write a series of diary entries (finding out that you won, going to the moon and coming home) or write a detailed news report. Remember to include lots of details about how you were feeling.

3. Create a detailed **model** of the solar system.

Success Criteria:

Research and make notes about the different features of the solar system.

Create model (to scale) using information you have gathered about the solar system. E.g.: ringed planets, colours, moons

Write description of solar system to go with your model using science vocabulary (i.e.; planet names, features and sizes, planet orbits, etc.)

How can you help? You can make sure you support them by selecting only relevant information for their research. You can help your child by guiding them when researching online or at the library, and by checking through their work and helping them to correct mistakes.

Please ensure that you help them manage their time efficiently by checking weekly.

Science: In this unit of work the children will learn about the solar system and the planets within them. In addition they will look at the Sun, Moon and Earth and how the Earth's rotation around the sun gives us night and day. Finally, they will learn about the forces: air/water resistance, gravity, and friction and how they affect objects and people.

History: The children will learn about old theories of what the Earth, Moon and Sun were like and how scientists such as Galileo and Newton developed our understanding of our planet and solar system.

Geography: The children will learn how to identify the equator, northern and southern hemispheres of the globe and explain how longitude and latitude are used to help locate places. They will also learn about how the Earth is divided into time zones and that the time may be different in other countries.

Computing: The children will use ICT to electronically compose music or sounds including creating melodies and save these as audio files. Also they will be independently recording video and use ICT tools to edit videos, apply basic effects and transitions, and explaining their choices.

RE: Ahimsa, Grace and Ummah. In this unit, pupils will learn in depth from different religious and spiritual ways of life through exploring three important ideas from three different religions in ways that relate to commitment. It builds on the sense of community that the children explored when considering the use of religious buildings.

D&T: The focus will be designing, making and evaluating their own rockets.

PE: Rugby

In this unit children will practice their hitting and catching skills. They will also consolidate their skills to work as a team. You can speak to them about their evaluation of their own throwing and batting skills.

PSHE: Feelings

The children will be focusing on different emotions and feelings and how best to deal with them and the effects they can have on others around them.

