

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.

Research projects

Alongside the weekly homework, the children will have a research learning project to do every half term. This project involves the children spending time researching using the internet and books about a topic we are looking at in class. In addition they will have to start an activity at home that they will then complete in class. This half-term's topic is the **Space and Forces**. They will be expected to present their work orally in class.

Your task will be to design and test out a series of parachutes that will create enough air resistance for an object to be thrown into the air, and to travel back to the ground safely.

What you will need:

String – to attach the object to the parachute

Material – To create air resistance and form a parachute

Object – choose lightweight objects such as a rubber or a ping-pong/bouncy ball to test your parachute out.

You can help your children to prepare for this amazing science experiment by helping the children to test out different materials, or by helping them with any technical issues, such as attaching or cutting materials.

You may wish to also visit one or two of the following websites to help your child prepare for this lesson:

<https://gb.education.com/science-fair/article/egg-parachute/>

https://www.nasa.gov/pdf/556927main_Adv-RS_Egg_Drop.pdf



Year 5 Newsletter—Autumn 2



Assistant Headteacher – **Mr. Manalo**

Teachers – **Ms. Ali (5A), Ms. Davies (5D)**

Set Teachers – **Ms. Kamali, Mrs. Naeem**

Support Staff – **Mary & Ryan**

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.

Contact Details

Please inform the school office **immediately** if your contact details (address, phone numbers) do change. It is required, **by law**, to have **2 emergency contact** details for your child(ren).

PE & Fitness:

Year 5 will have **PE every Tuesday and Fitness every Wednesday** morning. Please make sure that your child brings the PE kits. They also take part in 3 running sessions a week – **Monday, Wednesday and Friday**. They are only required to wear trainers for the running sessions. Please make sure that your child brings their **PE kits for fitness and PE sessions**.

Weather

As we move into the colder months, please ensure your child comes to school with a coat and any other appropriate items to keep them warm. They are responsible for their items so it is essential they have their name printed clearly.

Trips:

The children will be going to 'The Royal Observatory' **On Wednesday 28th November**. 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 all the necessary documentation to be a volunteer, please see Florida and Shelly.

Important dates

Friday 16th November– Animal Fancy Dress for Children In Need

Tuesday 20th November– DT Day

Wednesday 28th November– Royal Observatory

Wednesday 19th December– Christmas Lunch

Thursday 20th December–Christmas Parties



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 (+, -, x, ÷) 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?

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. These will then be added to their prezzi presentations that they created last half term.

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: This half term the children will be learning about different mechanisms. As part of our creative curriculum, the K'nex construction kits to create and get a better understanding of simple and complex mechanisms. They will be adding an element of design by adding their own finishing touches linked to their topic from this half term.

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.