

Year 5 News

February 2018

Elsewhere in School...

- Our Year 3/4 and Year 5/6 Tables Tennis Teams both won their events at the Rising Stars Table Tennis Festival.
- As part of their work on the *Three Billy Goats Gruff*, Nursery visited Fairlands Park to act out the story on a proper bridge!
- Reception have also been out and about in our local area, visiting the shops to buy ingredients for pizzas to feed their troll!
- As part of their work on persuasive writing, Year 3/4 were challenged to apply to become *Star Command Cadets* and took on a series of mental and physical challenges. Year 5, meanwhile, have completed a spy training assault course to inspire their writing.
- Our Y5/6 Girls and Mixed Netball teams have both been in regular action, with both sides currently undefeated in their leagues.

What we've been doing this term...

Science

Our Science work this term has focused on the way the Earth moves through space, and the way that this creates days, seasons and years. So far, we have investigated why and how shadows change throughout the day, as well as what causes day and night. We have used globes to find out which countries will be in daylight whilst the opposite side of the world is in darkness, and discovered that it is the rotation of the Earth that causes this.

We have also explored the lives of famous scientists from history who discovered how the planets orbit the Sun, such as Copernicus and Galileo, and were amazed to discover how hard they found it to convince people of their ideas when they were ideas.

Art

Linking with our Science work, in Art we have created some highly effective pictures of planets (both real and imaginary). Using chalks we blended colours together to create a spherical effect. We spent time discussing complementary and contrasting colours, and looked at images of planets in our solar system to get ideas for the kinds of patterns our pictures could have - and, as you can hopefully see from the pictures below, we managed to produce some fantastic results!



Stars of the Week

Hallie King

Hope Baker

Lauren Ottery

English : Going undercover

Our hook for this half-term's writing saw us taking on the role of Alex Rider style super-spies! Having discovered and explored a mysterious crime scene, we were invited to join an undercover organisation as secret agents - but only if we could prove that we had what it takes to complete our missions and save the world! As a result, we took-on a challenging agility course (as you can see in the pictures below), which put our climbing, dexterity, balance and dodging skills to the test.

Once we had completed the course, we were able to identify some of the skills and attributes it would take to become a secret agent, including stamina, agility, intelligence and co-ordination. From here, the task became to convince someone else that we possessed all of these abilities, so we focussed on improving our persuasive writing techniques, including rhetorical questions, exaggeration and flattery - the outcome of which you can see on the next page.



Stars of the Week

Why I am applying for the role

It is with great pleasure that I would like to apply for the role of Special Agent within The Organisation. Retrieving the missing 6 year old, Lucy Barker, from the vile villain Steve Johnson and his is crew is extremely important to me! Without doubt, once you've heard my sensational range of skills and attributes, I am sure you will be convinced that I am the most suitable person for the role.

To begin with, the site of the project (Egypt, Africa) is excellent, due to the fact I am especially familiar with the region. Thankfully, my exquisite skills and attributes have been fine tuned, whilst moving undercover at: The Pyramids of Giza, The Sphinx and in the capital city... Cairo. Mixing in with the local occupants has enabled me to gain a greater understanding of native culture, thereby allowing me to move easily throughout the dark, without being spotted.

Sara Bai

My Mission Application

It is with supreme honour that I would like to apply for the vacancy of secret operative within The Organisation. Securing the top secret memory stick (containing personal information) from evil Dr Death is of the utmost importance to me. Without doubt, once you have read my impressive range of talents and skills, I am sure you will be convinced that I am the most suitable person for the role.

Initially, the site of the expedition (the Brazilian jungle) is ideal, because I am especially familiar with the region . Thankfully, my intelligence skills have been fine-tuned, whilst working undercover in: Sugar Loaf Mountain, the Iguaza Falls and the Amazon Rainforest. Fitting in with the local residents has enabled me to gain a greater understanding of native culture, thereby allowing me to move without drawing attention to myself. Moreover, stealth is my speciality! Using my supreme swiftness has allowed me to out run all criminals. They do not stand a chance!

Having studied and trained for years, I believe I have a substantial advantage, thereby any agency would benefit from having me as part of their team. Furthermore, the fact that my strength allows me to beat any villain only adds to my suitability. I can be as vicious as a lion, and I believe that this makes me the best person for the role.

Patently, I would be ecstatic to lead The Organisation in securing the stolen evidence. By employing me as you new master spy, you will find that the data will be back in your hands in no time. Being aware of your extraordinarily high expectations and wonderful sense of justice motivates me to win the ultimate title of K9 agent. I eagerly await your response.

Kalel Moulton

Abi Entwistle

Lyla Ruddock

Dimitrious Chalatzoukas

Diary Dates

12th-16th February
Half-term

21st February
Year 5/6 Sportshall
Athletics

2nd March
Inset day - school
closed

23rd - 25th March
Year 6 PGL trip

29th March
End of Spring Term

17th April
Start of Summer
Term

14th - 18th May
Y6 SATs Week

21st - 25th May
Y2 SATs Week

28th May - 1st June
Half-term

20th July
End of Summer Term

Looking after our planet

This half-term we have been learning about the damage that human beings are causing to Planet Earth and what we might be able to do to reduce it. We started by looking at the main types of pollution affecting our planet, including the release of chemicals into the air and water, the effect of car exhausts in towns and cities and the problem of what to do with all of our rubbish. We have also been focusing on the dangers of plastic and why it is always a good idea to recycle as much as we possibly can. We were particularly shocked to discover just how many animals are affected by littering and the dumping of plastic, both in our local area and all over the world. Furthermore, we have just begun to look at the issues caused by too much carbon dioxide in the atmosphere and what could be done to reduce it. We will be continuing with this topic after half term, when we will be trying to come up with ideas for making our school more environmentally friendly.

Below, you can see Teegan's summary of what she wanted to learn in this topic, Crystal's investigation of what 'sustainability' means, Tory's investigation of pollution and Annie's diagram of the carbon cycle.

What I Know	What I Want to Know
<ul style="list-style-type: none"> • People are littering • People are killing animals and trees • electricity is being wasted • Forest fires are damaging the trees 	<ul style="list-style-type: none"> • what is pollution? • what is deforestation? • why do people kill animals? Food • why do people eat animals? Food <p>Some good questions that we are going to answer.</p>

- What are the 3 main types of pollution that the video me
 water
 air
 Land
- List at least 2 problems caused by pollution.
 Kill animals
 and plants growing
- What is deforestation?
 Cutting down trees
- Why is water pollution dangerous?
 people and animals do drink
- What is marine dumping?
 dump rubbish in the sea lake river
- How many marine animals die each year from plastic?
 10000 creatures in the sea lake did
- What are the two main causes of air pollution?
 factories and vehicles
- What does natural pollution mean?
 volcanoes, sea, forest fires, factories
- Name one type of disease you can get from pollution.
 Heart disease

WALT: To understand what minerals are and question if they can be used sustainably

Animal	Vegetable	Mineral
Dolphin	Kale	Crystal
Monkey	Cauliflower	Emerald
Meerkat	Cucumber	Gold
Ostrich	Spinach	Silver
Cheetah	Sweetcorn	Opal
Koala	Carrots	Coal
Swan	Potatoes	Oil
Sea horse	Spinach	Iron
Leopard	Radish	Salt
Flamingo	Celery	Platinum
Tortoise	Mushroom	Bronze
Penguin	Okra	Alexandra
Zebra	Lettuce	Sapphire
Panda		Diamond

Well done, some excellent lists with great spelling.

A mineral is something you can dig up from the ground and is a solid for example a crystal a mineral is also made by the Earth.
 Do they all come from the ground? Think of salt also the sea, C.A

