



**BRITISH
INTERNATIONAL
SCHOOL**

HANOI

A NORD ANGLIA EDUCATION SCHOOL

Curriculum Statement Year 5



Term Two

January 2017

Mission to Mars

With the idea that one day, humans may need to leave the Earth and settle on another planet due to a lack of natural resources, a conflict or a wide-scale ecological disaster. Mars is our most likely destination – a world that we believe once harboured life and, with our intervention, may do so again in the future.

In this topic, children will discover what they would need to consider in order to move to another planet. They will look at the scientific and geographical problems of living on another planet. Also, they will consider the impact of living in a group and how the behaviour of individuals impacts on a group.

Key vocabulary:

Agility, balance, strength, aerobic, anaerobic

Related Websites/resources

<http://www.esa.int/esaKIDSen/>
http://www.esa.int/esaKIDSen/SEM3L6WJD1E_OurUniverse_0.html
www.kidsastronomy.com/solar_system.htm
<http://www.planetsforkids.org/planet-mars.html>
<http://www.sciencekids.co.nz/sciencefacts/planets/mars.html>
<http://energyquest.ca.gov/story/index.html>
www.ecokids.ca/pub/eco_info/topics/energy/world/index.cfm
www.universetoday.com/21293/despite-dust-storms-solar-power-is-best-for-mars-colonies/
<http://mars.nasa.gov/participate/funzone/>



The Holiday Show

As we become global citizens that increasingly travel around for leisure in our spare time, it is important to understand our responsibilities as tourists. It is important to consider the impact of our choice of holiday and travel destination and the effect that it would have on the human and physical environment.

Within this topic, Year 5 will find out how tourism impacts regions, countries and cultures. Through this study, we can explore how tourism can be eco-friendly and sustainable, while using a real life context to market our own products using a variety of media. We will evaluate our own actions and how we can be responsible and respectful traveller.

Key vocabulary:

Tourism, eco-friendly, eco-tourism, sustainable, environment, localities, responsible, brochure, travel guide,

Related Websites/resources:

www.tourismconcern.org.uk
www.globaleducation.edu.au/
www.tourism.australia.com/en-au/marketing/default.aspx



English

During the first half term we will focus on instructions which will be linked to our Health and Safety Week and science topic, Earth, Sun and Moon. By the end of the topic, children will know how to set out instructions, what key words to include in instructions and how to describe what the instructions are for.

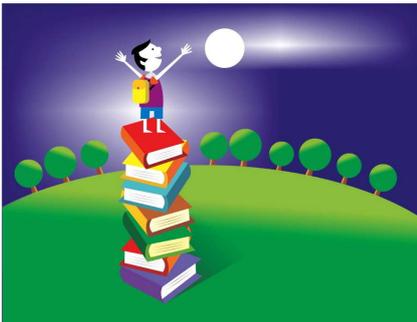
Then the children will learn about persuasive writing. They will explore a range of techniques including exaggeration, which they will include in an advertisement and a persuasive argument.

Later, children will review recounts and conduct interviews. They will learn the difference between reported speech and direct speech. To conclude this unit of work they will write a report based on an event that has happened in the past.

For the final two weeks of the term the children will study the unit of dramatic conventions. Within this unit they will research current news events and plan and write a news report. They will then film and edit the reports using ICT.

How you can support at home:

Read any instructions and discuss how they are set out and what language is used, for example, instructions on how to play a game. Use the following websites and let your child lead the activity, only supporting them if they are finding the task very difficult. Encourage your child to read through his/her own homework independently and check for mistakes.



Look at a range of advertisements e.g. television, magazines, posters, and discuss the language used. When studying dramatic conventions, watch the news and discuss news issues with your child. Use the resources below and go through the exercises:

Related websites/resources:

http://resources.hwb.wales.gov.uk/VTC/newspaper_persuasive/eng/Introduction/default.htm

Use this resource to highlight and practice features of newspapers and persuasive writing.

<https://hwb.wales.gov.uk/Resources#resource/72faa57f-1a7c-41e5-bb62-499b5abe095d/en>

This resource helps children with writing and using interesting vocabulary, while develop their reading skills too.

<http://www.bbc.co.uk/bitesize/ks2/english/writing/>

For this website, read the facts first then play the game afterwards. Try to focus on report writing.



MATHEMATICS 1st Half Term



We start the term by returning to **Securing number facts** which involves exploring patterns, properties and relationships between numbers such as prime numbers, squares, cubes, factors and multiples. We will look at sequencing including negative numbers. We will also revisit rounding and using this to solve problems.

Coordinates and Shape: Children will learn to draw and read coordinates in all 4 quadrants and to translate and reflect shapes across the axis and other mirror lines.

Fractions, Decimals and Percentages: We will compare and order fractions that have denominators which are multiples of the same number. We will also find out about equivalent fractions. We will learn to convert fractions to decimals and vice versa. Students will learn about percentages and how to represent percentages as a fraction. They will solve some simple word problems using percentages. Children will also learn about sequences using fractions and decimals.

MATHEMATICS 2nd Half Term

Measuring and understanding shape: Children will draw and measure lines to the nearest millimetre, as well as measure and calculate the perimeter of regular and irregular polygons. They will use the correct formula to calculate the area of a rectangle. They will estimate, draw and measure acute and obtuse angles using a protractor and calculate angles in a straight line and a full turn. They will draw and understand diagonals in 2D shapes, using these to make inferences about properties of shapes. Children will revisit converting measurements and solving word problems with these also including problems with time

Securing number facts, relationships and calculating: Students will continue to mentally add and subtract numbers up to 1000. They will also mentally calculate dividing and multiplying by 10,100 and 1000 including decimals. They will also solve multistep word problems using addition and subtraction. They will learn the short method of division and represent remainders as decimals as well as solving word problems, rounding up or down as appropriate.

Data Children will interpret a variety of graphs and tables including problems with line graphs and time tables.

How you can support at home:

- Remind him/her to check the homework carefully when it is completed and make good use of time to complete it. Homework is set on a Thursday and due in on Wednesday.
- Play times tables games with your child and support them with learning these. It is expected that children in year 5 know their times tables and related division facts. It will help them in their maths lessons and to become more confident, quick and accurate.
- Use car journey/ supermarket time etc to test your child on mental addition and subtraction, timestables, rounding.....
- Help your child make time to use the Mathletics website to practice concepts taught in class as well as using other websites to practice.
- Using the weekly update on the blog, ask them to explain and show you what they have learnt

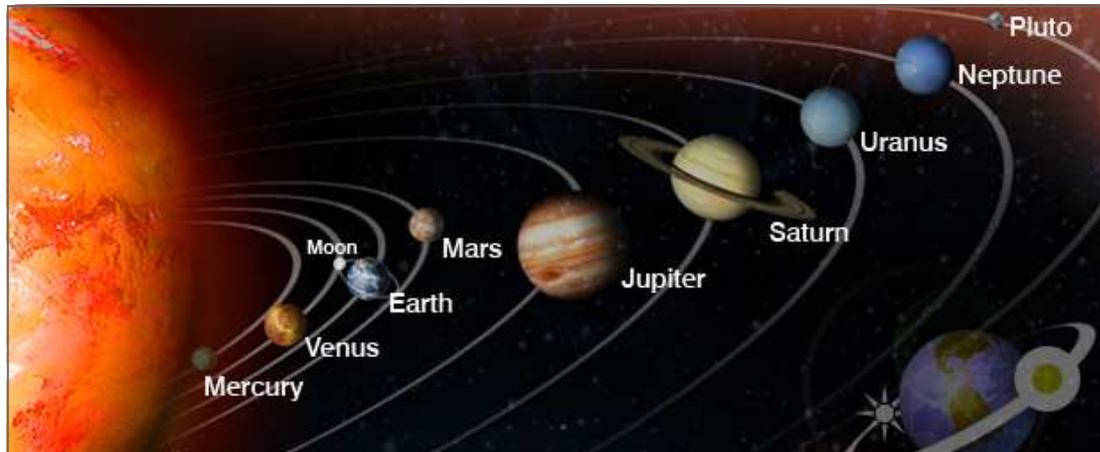
Related websites/resources:

<http://resources.woodlands-junior.kent.sch.uk/maths/>

<http://www.topmarks.co.uk/interactive.aspx?cat=20>

Www.mathletics..com (login details in the Reading Diary)

SCIENCE - Earth and Space and Keeping Healthy



Children will learn that not all scientific evidence can be collected first-hand as we cannot travel into space easily. They will also learn that the earth, sun and moon are all spheres, but are very different in size. Also, they will discover why the sun appears to move across the sky through the day. Through this they will learn that the earth spins on its axis every 23 hours and 56 minutes and that the sun appears to rise in the east but sets in the west. Later, students will look at the orbits of the earth around the sun and the moon around the earth.

In addition, the children will learn about the importance of exercise to keep healthy and the effect that it has on the body. They will also learn about healthy eating.

How you can help at home

Look at the key words and practice your understanding of what they mean. Encourage your child to look at the websites below.

Resources that can help

<http://www.topmarks.co.uk/interactive.aspx?cat=73>

<http://www.topmarks.co.uk/Interactive.aspx?cat=71>

<http://resources.woodlands-junior.kent.sch.uk/revision/science/space.htm>

<http://resources.woodlands-junior.kent.sch.uk/revision/science/living/humanbody.html>



Languages

Vietnamese Language

During the first half term Year 5 will continue the topic **stories from other cultures**, then they will prepare for their Tet assembly.

After Tet, children will learn about **recounts** and how to conduct an interview. They will be conducting interviews as famous astronauts and write a report based on a space mission. Next, the children will study the unit of **dramatic conventions**. Within this unit they will research current news events, plan and write a play script which they will then act out.

Later on in the **film narrative** unit, children will analyse a short film. They will learn how a story board can help them interpret a story in more detail. Children will be able to form opinions and use textual evidence from a film to support and justify their responses. We will focus on capturing ideas, writing in role and the investigation and analysis of different aspects of the text.

How you can support at home:

- Encourage your child to read books and answer the comprehension questions that are set for homework.
- Remind your child to check their writing target in the homework book and focus on it when completing assignments
- Check all completed homework and discuss ideas to improve the work.

Related websites/resources:

<http://socnhi.com/>

<http://kinhdotruyen.com/co-tich.dm>

Beginner's Vietnamese

In Beginner's Vietnamese, students will learn basic words and phrases. The topics are; **talking about ourselves, days of the week, colours, animals, fruits, clothes, sports, numbers, food, flowers, furniture, special events**. We will learn through games, songs and other interesting activities for each topic. In addition, the children will have the opportunity to explore more of the Vietnamese culture and where they are living.

MFL

In MFL, we will be giving our students the opportunity to consider the needs and experiences within the French culture by discovering and discussing unfamiliar lifestyles and local events such as **"Crepe Day"**. In addition, we shall be covering more complex vocabulary to help communicate in a different language and understand the structures of simple sentence structures. We aim to ensure that students appreciate the fun of learning a foreign language from an early age and build upon their knowledge to become real linguists.





INFORMATION AND COMMUNICATION TECHNOLOGY

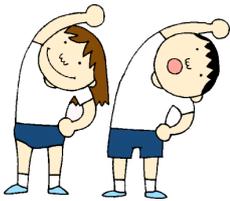
In term 2, students we are very excited about competing in the FOBISIA creative coding challenge; an international competition with more than 32 schools taking part. The aim of the competition is for students to create their own digital product related to the theme 'Space'. They will be completing their sprites in piskelapp.com and exporting these for use in another software package. Logical sequencing will be used to create programs in Scratch.mit.edu with the purpose of creating an animation, game or story for the FOBISIA space project. Pupils will develop an understanding of 'loops', 'ifs', other conditional functions and apply them to add value to their final projects.

P.H.S.E.

In the first half of the term Year 5 will be focusing on Our Aid Memoire's characteristics Perseverance where we shall be exploring strategies of being resilient and not giving up, even when a situation is very hard and we want to give up. In the second part of our term, we shall be looking at Enquiry and how to extend and challenge our learning. We will be thinking about the questions we can use to further our understanding.



PHYSICAL EDUCATION



In Term 2, children will learn the basic skills required for striking and fielding games. The focus will be on developing T-ball skills and tactics. In athletics, children will build on a greater understanding of common skills and principles including running, throwing and jumping in various ways helping to develop coordination, gross and fine motor skills, improving agility, speed and power. During dance and gymnastics,

children will have the opportunity to explore and develop new ways in locomotion and balance. Children will learn individual skills and at the end of the unit be able to demonstrate these through short sequences. Badminton skills will be developed in the net and wall games unit. Being able to execute a rally will be the focus. Volleyball will be introduced and modified rules will be implemented to develop the fundamental skills needed to be successful in the game. In the swimming unit students will focus on developing breaststroke and embed the previous skill sets of freestyle and backstroke.

MUSIC

This term, year 5 are studying 'The Composer of Today' from the Juilliard Core Works. Students will be using a variety of landscape stimuli to inspire their work. Students will be focusing on key musical characteristics such as tonality and harmony as tools to enhance and progress their work and capabilities. Students will be encouraged to be creative and find alternative ways of expressing their thoughts through music and composition.



We do hope that the above information will be useful for you when supporting your child's homework and discussing his/her learning. Should you have any further questions please contact your child's class teacher.