BRITISH INTERNATIONAL SCHOOL HANOI

A NORD ANGLIA EDUCATION SCHOOL

Curriculum Statement

Year 5

Term Two

January 2019

In IPC this term, our topics are:

Space Explorers

In History, we will:

- Learn about the first Space scientists, such as Galileo.
- Learn about the Space race.
- Find out about satellites and Sputnik.
- Debate the rights and wrongs of sending animals into Space.
- Learn about the dangers of Space travel.
- Learn about the significance of the Moon landings.
- Learn what life is like on the Space Station.

In Art and DT, we will:

- Paint a space themed picture in the style of Peter Thorpe.

Key Vocabulary: Space, galaxy, universe, star, planet, light source, axis, solar system, gravity, rocket, hemisphere, tilt, orbit, spin, revolve, rotate, launch, dock, eclipse, lunar, solar, black hole, wax, wane, crescent, gibbous moon, atmosphere, satellite

Websites that can help:
https://www.esa.int/esaKIDSen/
http://www.sciencekids.co.nz/space.html
https://www.nasa.gov/kidsclub/index.html
https://kidsastronomy.com/

Rivers (Go With the Flow)

In Geography, we will be learning:

To use an atlas.
Names and locations of major rivers.
How a river begins and ends.
Key features of rivers.
How a river is vital for settlement.
How flooding brings benefits and problems .
How rock and soil is moved, eroded and deposited in a river.

Key vocabulary: source, mouth, channel, meander, tributary, oxbow lake, estuary, waterfall, gorge, confluence, current, floodplain, dam, ford, valley, crops, delta, canal, dock, erosion, attrition, deposition

Websites that can help:
http://www.primaryhomeworkhelp.co.uk/rivers.html

https://www.oddizzi.com/teachers/explore-the-world/physical-features/rivers/world-rivers/

https://www.ducksters.com/geography/worldrivers.php

https://easyscienceforkids.com/all-about-rivers/

English

Term 2a

In English, children will be improving the quality of their fiction writing by writing a story about an alien invasion. Children will be using interesting vocabulary and a variety of sentence structures to write their story.

They will be improving their grammar by focusing on using direct speech, the past tense, relative clauses and fronted adverbials.

Term 2b

During Term 2b, children will be learning about myths and legends. They will be looking at a variety of myths and legends to identify the differences and key features. They will act out the story, practicing and performing it together. The children will then plan and write their own story using the same format.

Children will improve their grammar by learning to use modal verbs or adverbs to indicate degrees of possibility. They will be learning how to proof read for grammatical errors and how to use semicolons, colons or dashes to mark boundaries between independent clauses.

Speaking and Listening

During each half term, as part of our Speaking and Listening Program, every child is required to prepare and deliver a presentation. In Term 2a, our topic will be 'I Wish I'd Thought of That', in which children will be asked to think about great inventions and consider how they have changed our lives for the better. The children will prepare this at home, deliver it at school, and benefit from positive feedback from their teachers and peers.

Reading

In school, children will be taking part in weekly guided reading sessions in small groups. We will also read the novel 'The Firework Maker's Daughter' as a class and will engage in weekly comprehension activities.

How you can support at home:

- Listen to your child read in English every day. (It is also important that they read in their home language, too!)
- Ask questions and discuss your child's reading; this will help build their language skills and understanding about new vocabulary.
- Listen to audio books in English.
- Encourage your child to write stories as much as possible.
- Go through your child's homework and check it with them.
- Check the class blog regularly and encourage your child to use the recommended websites, watch the videos and study the vocabulary on the Homework page.

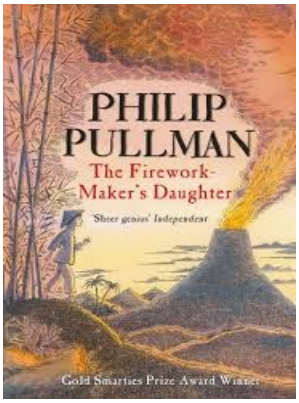
Related websites/resources:

https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar

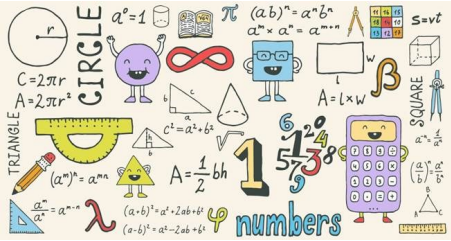
http://www.primaryhomeworkhelp.co.uk/literacy/

http://learnenglishkids.britishcouncil.org/en

https://www.storynory.com/



MATHEMATICS



Counting, partitioning and calculating:
Children will:

- Learn to partition numbers up to 1,000,000.
- Learn to order and round decimals, and develop an understanding of place value.
- Use written methods to add and subtract whole numbers and decimal numbers with up to two places.

Securing number facts, relationships and calculating:
Children will learn to multiply and divide two, three and four digit numbers (including decimals) using written methods. They will apply this knowledge to solve word problems involving whole numbers and decimals.

Fractions, decimals and percentages: Children will:

- Revise percentages, decimals and fractions as different ways of expressing proportions.
- Count forwards and backwards in fractions and decimals.
- Compare and order fractions.
- Identify, name and write equivalent fractions of a given fraction.
- Learn to connect fractions >1 to division with remainders.
- Practise adding and subtracting fractions with the same denominator and multiples of the same number.
- Find fractions of numbers and quantities.
- Find percentages of amounts.
- Solve problems which require knowing percentage and decimal equivalents.

Measurement: Children will:

- Revise how to convert between different units of measure.
- Revisit how to measure and calculate the perimeter of composite rectilinear shapes.
- Revise how to calculate and compare the area of squares and rectangles, and estimate the area of irregular shapes.
- Learn how to estimate volume, and solve problems involving converting between units of time.
- Children will use all four operations to solve problems involving measure using decimal notation including scaling.

Geometry:

Properties of shapes: The children will:

- Revise how to identify 3-D shapes, including cubes and other cuboids, from 2-D representations.
- Draw lines accurately to the nearest millimetre and use conventional markings for parallel lines and right angles.
- Revise measuring , drawing, estimating and comparing angles in degrees.
- Identify angles at a point and one whole turn (total 360°), angles at a point on a straight line and ½ a turn (total 180°) and other multiples of 90°.
- Use angle sum facts and other properties to make deductions about missing angles.

Position and direction
The children will learn to identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.

Statistics:

Use and interpret data
The children will revise completing, reading and interpreting information in tables, including timetables. They will learn how to solve comparison, sum and difference problems using information presented in a line graph. They will learn to connect work on coordinates and scales to their interpretation of time graphs.

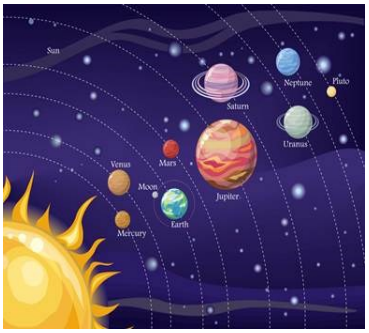
How you can support at home:

- Ask your child to explain the maths they did in school today to you.
- Ask your child to chant their times tables.
- Ask them times tables questions (both multiplication and division). Mix up the different tables and see how fast they can answer.

Related websites/resources:
http://www.mathszone.co.uk/
https://mathantics.com/
https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=3

SCIENCE

Term 2a - Earth and Space



In Science, the children will learn to:

- Describe the movement of the Earth and other planets relative to the sun in the solar system.
- Describe the movement of the moon relative to the Earth.
- Describe the sun, Earth and moon as approximately spherical bodies.
- Use the idea of the Earth's rotation to explain day and night and the ap parent movement of the sun across the sky.

Term 2b - Forces

The children will learn to:

- explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.
- identify the effects of air resistance, water resistance and friction, that act between moving surfaces.
- recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect.

How you can support at home:

- Look at a globe together and discuss how the Earth spins on its axis.
- Research the different planets.
- Investigate what objects float and sink in the kitchen sink or the bath and find out about Archimedes' principle.
- Investigate different shapes of paper aeroplanes, and which are most effective; discuss why.
- Explore gravity by dropping a selection of objects on the floor – do they always fall? Discuss why.
- Test how a toy car moves down a ramp made of different surfaces or covered in different materials.

Related websites/resources:

http://www.primaryhomeworkhelp.co.uk/revision/Science/space.htm
http://www.primaryhomeworkhelp.co.uk/revision/Science/physical.htm

PRIMARY COMPUTING

Students will create games in the Scratch environment; they will build on their existing programming skills, and their experience with physical robots, to be creative and build games with specific purposes and goals.

P.S.H.E.

All the elements of PSHE link directly with our school's Aide Memoire. Each part of our Aide Memoire is explained and developed through our school superheroes. This term, Perseverance is our first topic and will be taught with the help of our very own Poppy Perseverance! Children will take on challenges and discuss the importance of not giving up, even if something is difficult. In the second half of the term we will focus on Enquiry, with Questionator taking centre stage as pupils learn all about asking questions to further their learning.

PHYSICAL EDUCATION

During Term 2 students will develop gymnastics skills with and without equipment and introducing inversion skills. In the swimming unit students will learn the skills for freestyle, backstroke and breaststroke. Swimming over 25 metres confidently with diving starts. In the striking and fielding unit students will develop various striking techniques and play a variety of striking games.

MUSIC

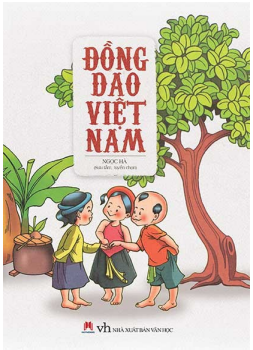
In Term 2, Year 5 will be engaging with music of folk origins, though the starting point of Senagalese musician Doudou N'diaye Rose's *Chants du Burgam*.

As students explore this set of musical dances (*Burgur* is a type of celebratory dance), they will learn about and experience the musical features of rhythm, texture, tempo and meter. Within these areas, students will also encounter polyrhythm, call and response, and interlocking ideas (hocketing). They will explore how these can be used to change the energy and atmosphere of a piece of music.

As well as continuing to develop their keyboard skills, students will also compose and adapt their own music in response to the stimulus of *Chants du Burgam*, There will also be a large composition element to this core work.

Vietnamese

During the first half term Year 5 will continue the topic **Ancient literature**. Through researching Vietnamese folk stories, proverbs, idioms and customs, children will understand more about the community in Vietnam in the past and present. Then they will prepare for their Tet assembly.



After Tet, Year 5 will be looking at **Myths and Legends** . During this topic children will have a chance to explore other explanations for the formation of natural phenomena. They will also identify all the features of a legend and practice the writing techniques to describe character and setting to write their own story. Next, children will learn about **Recounts** and how to conduct an interview. They will be conducting interviews which are relevant to the current topic.

Year 5 will continue to focus on grammar, spellings and punctuation to widen vocabulary and sentence structures to improve their writing.

How you can support at home:

- Encourage your child to read books and answer the comprehension questions that are set for homework.
- Encourage your child to complete the homework at home by her/himself.
- Research by reading together more books to get information about the topic**.**

Related websites/resources:

- https://gamechocon.com/
- http://cunghoc.vn/tieu-hoc.html (Tiến Việt Tiểu học: phân loại từ, luyện từ và câu, truyện cổ...)
- http://www.youtube.com (Truyện cổ, dân gian Việt Nam)

Modern Foreign Languages

At BIS we believe that learning another language provides students with a better understanding of cultures, a greater self-confidence, and an improved performance in their first language, among other benefits. Last term, students built up their linguistic knowledge by first revising their prior knowledge of Spanish/French and learning how to write simple sentences. This term, they will be working on creating a speech or a text in the present tense in order to express their opinion about familiar topics.

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.