

**BRITISH
INTERNATIONAL
SCHOOL**

HANOI

A NORD ANGLIA EDUCATION SCHOOL

Curriculum Statement Year 4

Term Three
May 2017



This term our topic is entitled:

'Inventions that Changed the World'

Through this topic we will cover work in the curriculum areas of: **Topic, Art and Design Technology.**

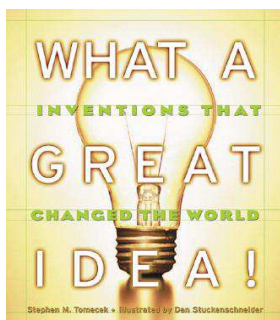
This is an exciting topic through which children will consider many different inventions which have changed and enhanced our world. Children will look at different timelines of inventions, including considering the BC and AD timeline. They will practise their research skills, both in class and at home through homework tasks. They themselves will have to be inventive to find out how to communicate without paper, pencils, computers and phones. They will study art inspired by the industrial age and during design technology lesson attempt to make their own machine.



Key vocabulary: man-made, inventions, inventors, technology, century, timeline, develop, development

How you can help at home:

- Support your child to complete homework tasks by discussing the task and suggesting ideas about how to complete it
- Check homework tasks for presentation
- Discuss how different technologies have changed the world



Relevant books/authors :

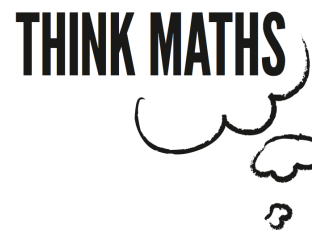
- 1000 Inventions and Discoveries by Roger Bridgman
- Watch Wallace and Gromit DVDs including 'A Grand Day Out,' 'The Wrong Trousers,' 'A Close Shave,' 'The Curse of the Were-Rabbit' and 'A Matter of Loaf and Death.'
- http://www.ducksters.com/biography/scientists/scientists_and_inventors.php

Related Websites:

- <http://www.1001inventions.com/>
- <http://earlyhumans.mrdonn.org/caveart.html>
- <http://www.historylearningsite.co.uk/inventions-and-discoveries-of-the-twentieth-century/>
- <http://www.boredpanda.com/kids-inventions-turned-into-reality-inventors-project-dominic-wilcox/>
- <http://www.women-inventors.com/>



MATHEMATICS



Children will use written methods to add and subtract two, three and four -digit whole numbers and pounds/pence. They will solve one-step and two -step problems involving numbers, money and measures, including time. They will learn to partition, round and order four-digit whole numbers, use positive and negative numbers in context and position them on a number line. They will learn to use decimal notation for tenths and hundredths and relate the notation to money and measurement. Children will position one-place and two-place decimals on a number line as well as beginning to explore decimals further. They will develop and use written methods to record, support and explain multiplication and division of numbers up to and including four digits including answers with remainders. Children will identify the doubles of two-digit numbers.

In the topic of Shape, Space and Measures children will draw rectangles and calculate their perimeters and area. They will learn that angles are measured in degrees and that one whole turn is 360° , and go on to compare and order angles less than 180° . Children will learn to identify what data to collect, how to organise and present it, and then go on to analyse and interpret data in tables, diagrams, tally charts, pictograms and bar charts. They will learn to choose and use standard metric units and know their abbreviations when estimating, measuring and recording length, weight and capacity. They will also learn to use decimal notation to record measurements. They will choose units of time to measure time intervals and calculate time intervals from clocks and timetables. Children will also learn to know how to read a calendar and how to identify coordinates.

How you can support at home:

- Support your child when completing homework, assisting them when they make mistakes and talking about these mistakes as part of learning
- Discuss the relationship between different units of measurement (length, weight, volume, area)
- Practise mental arithmetic (addition, subtraction, multiplication, division) with two, three and four- digit numbers.

Related websites/resources:

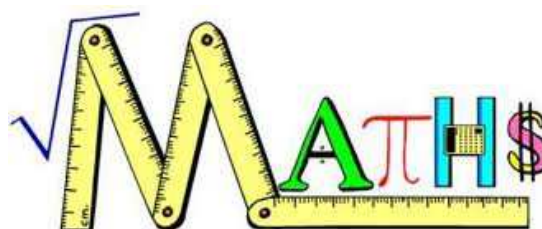
<http://www.topmarks.co.uk/maths-games/7-11-years/mental-maths>

http://www.sheppardsoftware.com/mathgames/fractions/memory_equivalent1.htm

<http://www.amblesideprimary.com/ambleweb/mentalmaths/numberbond.html>

<http://www.ictgames.com/Y1shape.html>

http://www.softschools.com/math/games/fishing_multi.jsp



LITERACY – English

Year 4 Finally will be exploring form in poems. This involves studying the language chosen in a poem and the different features to understand how they affect the reader. They will also consider how to perform a poem to add effect, with an opportunity to perform their poems for others. We will also explore **adventure** stories set in **imaginary** worlds. They will look at various different examples as videos and story books before writing their own stories. Later in the term they will look at stories with historical settings reading *Oliver Twist* by Charles Dickens, looking at features of Old London to gather ideas for their own settings and characters.



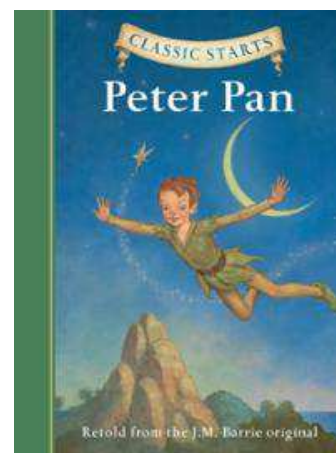
How you can support at home:

- Practise English by reading books written in English and asking questions to develop comprehension. Your child should read their school book every evening for at least 10 minutes
- Research Victorian England, discussing what life was like at this time
- Find and read examples of poetry and discuss what you like about the poems
- Support your child to complete homework tasks, helping them to present to a high standard

Related websites/resources:

Suggested reading books to show 'imaginary worlds':

- *The Lion, the Witch and the Wardrobe* by C. S. Lewis
- *Pan's Labyrinth* by Guillermo del Toro (DVD)
- *Alice in Wonderland* by Lewis Carroll
- *The Harry Potter Series* by J K Rowling
- <http://www.poetry4kids.com/poems>
- <http://www.michaelrosen.co.uk/poems.html>



Vietnamese

In Vietnamese, children look at stories set in imaginary worlds which bring to them many magic things, make them believe in miracles and develop their imagination to be rich.

Children will complete a non-fiction unit for this term on persuasive texts. We will look again at the features of a letter then write a persuasive letter with a situation in real life.

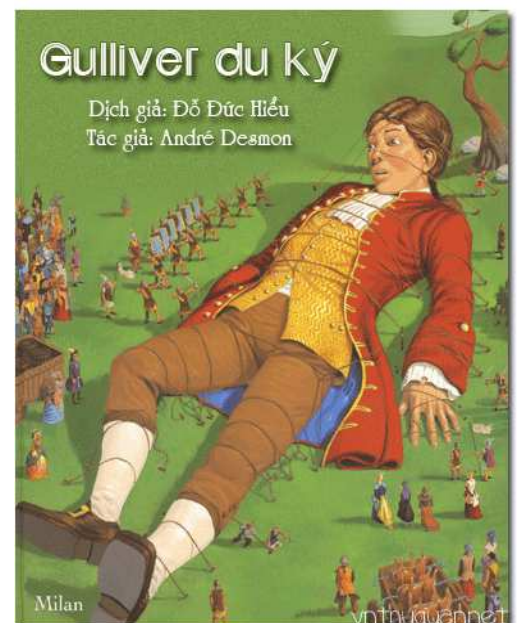
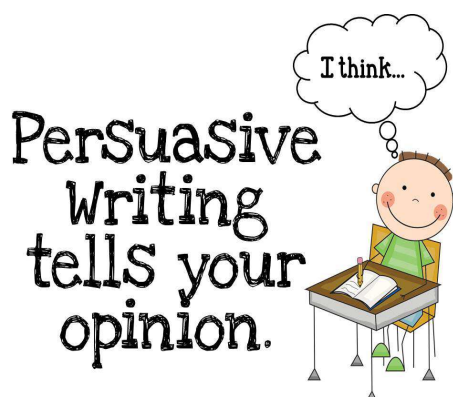
Year 4 still focus on grammar, spellings and punctuation session to widen vocabulary and sentence structures to improve their writing.

How you can support at home:

- Develop Vietnamese language skills with shared reading, grammar and writing in Vietnamese.
- Encourage your child to read books and answer the comprehension questions that are set for homework.
- Encourage your child to practise his/her presentation at home to help him/her to feel more confident when presenting in front of the class.
- Check diary and Vietnamese homework book each week for comments about what your child has done well and areas for improvement (reading, writing, speaking, listening). Share this with your child
- Help children to read carefully and understand instructions before doing the homework at home. Then encourage children to complete the homework at home by her/himself.

Related websites/resources:

- Suggested reading books/websites to show 'imaginary worlds':
 - <http://socnhi.com/Hang-truyen.html>
 - Gulliver du kí.
 - Alice ở xứ sở thần tiên.
 - Phù thủy xứ OZ.
 - Stories in Vietnamese Primary program.



SCIENCE –

In relation to our topic about inventions, the children will be studying electricity. This will include circuits and conductors. They will practise putting different components together in a circuit to see what happens, for example, bulbs, switches and batteries. They will learn how to draw a diagram of the circuit and identify circuits that are open or closed. As part of this topic we will be looking at electricity safety and how to spot potential dangers in regard to electricity around school and the home.

How you can support at home:

- Look and discuss the different forms of electricity you see around you, lightning storms, static and everyday appliances. How do they work?
- Look at electrical items at home and the possible dangers or safety procedures taken where electricity is involved.

Related websites/resources:

P.S.H.E.—Year 4 will be discussing the last two words on the BIS Aide Memoire—integrity and reflection. Children will discuss what it means to have integrity and how to demonstrate this in school. As the school year draws to an end, being able to reflect on our achievements is an important life skill. Children will consider these achievements as well as lessons they have learned which they can take forward into the next year of their education.

INFORMATION AND COMMUNICATION TECHNOLOGY— We are almost at the end of the FOBISIA creative coding challenge; an international competition with more than 32 schools taking part. Students have made some exciting games which were original and innovative; creative and artistic, but most importantly - complete! We will soon be announcing our winners. In term 3 the students will be exploring Kodu, simulation software that enables student to build their own world. This visual introduction for computer programming is great preparation for the more complex nature of coding through written programming languages.

M.F.L. After a successful learning of Spanish and French the last two terms and the positive effect in our students' lives and their understanding of the world around them, we will carry on covering basic linguistic skills and vocabulary, such as greetings, numbers, animals and colors, in German through games and enjoyable activities. We aim to ensure that students learn to appreciate the fun of learning a foreign language from an early age via the use of songs and making their own learning resources.

MUSIC—For our final term in Music, Year 4 will be entering the world of Jazz. Students will be studying Ella Fitzgerald and Louis Armstrong as tools to enhance their musical learning and understanding. Students will continue to develop their keyboard skills; focusing on using key musical characteristics such as timbre, rhythm and melody to compose and perform.

PHYSICAL EDUCATION— In Year 4 students will be investigating various ways of on how speed, agility and quickness assist in athletics; learning various throwing, jumping and running techniques. In Gymnastics students will embed previous knowledge of balance and twists. Focus will be on developing various rolls, travelling and introduction to inverted shapes. In the racket unit of work students will focus on basic tennis and badminton skills. Kicking and punting skills will be developed through football.

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.