

Curriculum Statement Year 5



Term One August 2019

In IPC this term, our topics are:

Ancient Civilisations—AD900

In History, we will be studying the Ancient Kingdom of Benin and the Maya Civilisation. We will be finding out about:

Myths and legends from both civilisations



- The geography of the civilisations
- Architecture, religion, culture and society of the civilisations
 - How both civilisations have influenced modern day life
- Rise and fall of the civilisations

In Art and DT, we will:

- Explore South American cooking
- Designing and making our own African tribal mask

Key Vocabulary: myth and legend, Maya, South America, temple, pyramid, calendar, slave, farm, culture, king, god, hieroglyphics, descendant, invention, achievement, kingdom, empire, leadership, artefact, civilization, culture, tradition.

Websites that can help:

- http://www.bbc.co.uk/education/clips/zsdrqty
- https://www.theschoolrun.com/homework-help/the-mayans
- http://mayas.mrdonn.org/
- https://africa.mrdonn.org/benin.html
- https://www.dkfindout.com/us/history/mayans/
- http://www.bbc.co.uk/guides/z3n7mp3



In History, we will be looking at:

- Reasons for the start of WW2
- Pearl Harbour
- Propaganda
- Japanese Internment Camps in the US
- 'Island Hopping' warfare and the life of a soldier
- Hiroshima and Nagasaki
- Peace and the UN

There will be a focus on historical skills such as looking at sources and discussing their usefulness, as well as learning to infer and draw out information.

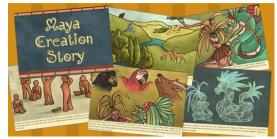
Key vocabulary: propaganda, reasons, military, civilian, war, soldier, Conscription, internment, racism, facism, primary and secondary source

Websites that can help:

http://www.ducksters.com/history/world_war_ii/ww2_in_pacific.php http://www.socialstudiesforkids.com/subjects/worldwariipacific.htm

https://densho.org/

http://www.pearlharbor.org/history-of-pearl-harbor.asp http://education.nationalgeographic.com/education/multimedia/interactive/pearl-harbor/?ar_a=1



English

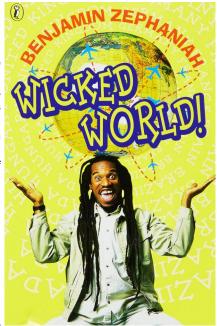
In English, children will be reading and writing 'creation' Stories from Other Cultures with a special focus on settings description. The children will learn The 'Mayan' creation

story as a Talk for Writing model text then innovate it to make it their own. We will encourage the children to use higher level vocabulary and a wider variety of sentence structures to write stories which will excite their readers.

Our grammar focus will be on:

- Commas, adverbials and fronted adverbials
- Punctuation
- Prepositions

We will then move on to Performance Poetry, the Power of rhythm. We will be reading and memorizing the The Mystery from History, by Benjamin Zephaniah. We will then rhythm and rhyme—and detailed description to write our own performance poetry.



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. The children will prepare this at home, deliver it at school, and benefit from positive feedback from their teachers and peers. This term, the subject is free choice. The children should choose to speak about something which they feel passionate about. If they are stuck for ideas, they should look at the suggestions on Google Classroom.

Reading

In school, children will be taking part in whole class reading lessons, learning to use the strategies of predicting, clarifying, inferring and summarizing.

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—see storynory link below.
- Encourage your child to write stories as much as possible.
- Go through your child's homework and check it with them.
- Check Class Dojo regularly and encourage your child to use the recommended websites, watch the videos and study the vocabulary.

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/

Bug Club

MATHEMATICS

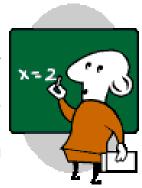
Term 1a

Counting, partitioning and calculating:

Children will learn to partition numbers up to 1,000,000. *E.g.* 567,341 = 500,000 + 60,000 + 7,000 + 300 + 40 + 1

They will learn to order and round decimals, and develop an understanding of place value. *E.g.* 54.76 rounded to the nearest tenth = 5.8

Children will 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 and three digit numbers using written methods. They will apply this knowledge to solve word problems involving whole numbers and decimals.

Understanding shape:

Year 5 will learn about the properties of 2-D shapes including parallel sides, perpendicular sides and identifying angles. *E.g. acute, obtuse and right angles*.

They will learn about 3-D shapes as well and have to identify 3-D shapes from a 2-D representation. *E.g. Cube, cuboid, cylinder etc*

Term 1b

Counting, partitioning and calculating:

Building on their learning in the first half of term 1 children will read, order, round, find sums and differences, double and half decimals, add and subtract using written methods in whole numbers and decimals with up 2 decimal places and consolidate their understanding of place value. *E.g. Double 3.4 = 6.8, half of 10.2 = 5.1*

Finally, they will solve problems involving whole numbers and decimals using all four operations within the context of measurement. E.g. A bottle holds 1 litre of lemonade. Rachel fills 5 glasses with lemonade. She puts 150 millilitres in each glass. How much lemonade is left in the bottle?

Calculating, measuring and understanding shape:

To begin, children will learn to read simple timetables using basic train or flight schedules and tell the time using 24 hour clock notation. Next, they will learn to use coordinates. *E.g. A train leaves the station at 14:03. It takes 27mins to reach its destination. What time does it arrive?*

Handling data and measures:

They will learn to read, choose, use and record standard metric units to estimate and measure length, weight, capacity to a suitable degree of accuracy, and convert units (e.g. 2,500g=2.5kg). The children will also be calculating the area and perimeter of different shapes. *E.g. A regular pentagon has sides of 7cm. What is the perimeter of the shape?*

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 1a - Animals including humans

In Science, we'll be finding out about:

- Growth in humans
- Changes in people as they age
- Recognizing the signs of growth and aging
- Growth in other creatures including comparing to humans
- Gestation periods of different animals
- Conducting investigations and experiments following the scientific method

Term 1b - Changing Materials / Materials and their properties

In Science, we'll be finding out about:

- Filtering Water we will investigate different methods and conduct tests to help filter substances in water
- Purifying Water we will explore and test methods to help purify water contaminated with other substances
- Condensation we will investigate how water can change between liquid and gas states when heated and cooled
- Dissolving we will conduct a test to identify if different substances will dissolve in water
- Changing Solids we will investigate how to speed up the rate at which solids dissolve in water
- Irreversible Changes identify, describe and test changes to different materials that are irreversible

How you can support at home:

- Discuss the properties of various materials and the different purposes they are used for. How do their properties affect how materials are used?
- Look for examples of materials changing state around the home e.g. cooking, making ice-cubes, boiling a kettle of water.
- Revise the key words with the children and make sure that they know what they mean. You can do this
 by turning them into a word game, where they have to match the definition with the word. Also, use
 the websites below to support your knowledge of the subject.

Related websites/resources:

http://www.crickweb.co.uk/ks2science.html

http://www.primaryhomeworkhelp.co.uk/revision/Science/living/habitats.html





PRIMARY COMPUTING

Year 5 students will continue to develop their computing skills by completing a series of challenges on the Codecombat website. These challenges will enable the students to refresh their memories of coding concepts, and will enhance their understanding and skills. Later in the term the students will use these skills to program and control Sphero robots.

P.S.H.E.

During the first term, Year 5 children will be focusing on Caring and Respect from our school's Aide Memoire's characteristics. Using our superhero Captain Care, we will learn about empathy and how to be sensitive towards the different needs of others while putting ourselves in the shoes of other people. In Term 1b, we will be guided by the hero Indiana Integrity who teaches us to do the right thing, even when no-one is looking.



PHYSICAL EDUCATION

Students will have the opportunity to develop their swimming skills through the key strokes: freestyle, breaststroke, and backstroke. In their striking unit students will develop the knowledge and understanding of T ball. In net games, volleyball will be introduced. This will involve ball control, striking and catching as well as teamwork and match tactics in both sports. In the gymnastics unit students will focus on inverted movements as well as building up flexibility, balance and coordination. In addition pupils will learn the essentials of pool and water safety. Throughout children will learn the importance of a healthy body, heart and mind as well as the key ideas of collaboration, competition and fair play.



MUSIC

In this first term students will be discovering the world of the orchestra through Beethoven's *Symphony No.5*, one of the most well-known pieces in the history of music. They will set off on a creative adventure, learning about a variety of compositional techniques to develop the famous four note motif. Students will be discovering how to use articulation, melody and harmony as a strong base for composition.





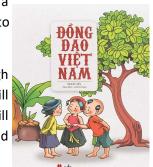
Vietnamese

In Vietnamese, Year 5 will begin exploring and doing activities to celebrate Moon Festival. Then children will begin a non-fiction unit on letters. Children will revisit at the features of a letter then they will write a letter or an email to a friend/a family member using real life context.

Next, Year 5 will be looking at Novels and Stories by significant children's authors. "Novels and Stories by significant children's authors". The children will learn about the distinctive features of an author's style by referring to characters, themes, settings or use of language. They will write a new scene for a story in the style of

the author. An addition to that, children will be confident in organising scenes into a sequence of paragraphs and complete a story with a sequence of events arranged into paragraphs, linked with a range of connectives and varying sentence length.

In the latter part of the term, children will learn about 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. Year 5 will also look at similarities and differences between an older story and a modern story, and create a story in the style of a familiar author.



Year 5 will always focus on grammar, spellings and punctuation in order to widen vocabulary and sentence structures and to improve their writing every week.

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 year, students built up their linguistic knowledge by learning how to write simple sentences in the target language. This year, they will develop strategies, as well as vocabulary in order to be able to understand the main points, opinions and details from a short written passage in Spanish. Students will be confident 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.