

English

- Increase familiarity with a wide range of books
- Write non-fiction texts: explanations and instructions
- Write descriptive stories
- Investigate and write poetry, including shape poetry and kennings
- Identify and use specific devices such as fronted adverbials, similes and metaphors
- Extend knowledge and use of punctuation such as inverted commas or brackets
- Learn to spell words with certain prefixes and suffixes and words with silent letters
- Write legibly and fluently using appropriate joins

P.E.

- Know the importance of exercise
- Gymnastics – make bridges, receive part body weight, spinning and turning
- Develop stamina and tactics when using a variety of equipment

PSHCE

- Recognise their worth as individuals by identifying positive things about themselves and their achievements
- Face new challenges positively by collecting information, looking for help, making responsible choices, and taking action

History and Geography

- Stone Age, Bronze Age and Iron Age – understand how lives developed and progressed during these times
- Understand how we know about life at these times
- Discover how trade began to develop between settlements
- Identify natural resources and their use now and in the past

R.E.

- Learn about the festivals and celebrations associated with Christianity and Hinduism

Music

- Understand and explore how music is created, focussing on pitch and tempo

Modern Languages

- Learn the names of different food and drink in French
- Role – play café scenarios

Move It! Year 5

Science

- Understand that light appears to travel in straight lines
- Know that objects are seen because they give out or reflect light into the eye
- Explain that we see things because light travels from a light source to our eyes
- Find patterns between the volume of a sound and the strength of the vibrations that produce it
- Find patterns between the pitch of a sound and the strength of the vibrations that produce it

Mathematics

- Place Value: 4 digit numbers; numbers with 2 decimal places
- Read, write, order and compare numbers to 10,000
- Calculations: column addition and subtraction; short multiplication and division
- Multiply and divide by 10 and 100
- Solve single and multi-step problems
- Multiplication tables up to 12x12
- Mental strategies to add, subtract, multiply and divide
- Round numbers to the nearest 10, 100 or decimals to the nearest whole number
- Understand how mathematics can be applied across the curriculum and in everyday situations

Computing

- E-safety
- Move an object or sprite by using code (a list of commands)
- Understand the ranking system when using a search engine

Art/D&T

- Learn to add detail to observational drawings
- Use clay to create and decorate a coil pot
- Understand and use mechanical systems such as gears and pulleys



You can help your child with their learning in the following ways:

HELPING YOUR CHILD BECOME AN INDEPENDENT READER

Even though children may know how to read at Year 5, they will still need gentle support to reach their full potential and become life-long readers.

- Make sure they have plenty to read. Try to take them to a library regularly. Remember to join the mobile library that visits the Victory Hall every other Thursday, 2.45 - 4.15 pm
- Tell stories! It's a fun way to pass on family history and at the same time build your children's listening and thinking skills.
- Be a reading role model. Let your children see you reading and share some interesting things with them that you have read about in books, newspapers or magazines.
- Encourage your child to read their book aloud to you so that they can develop expression. Please don't forget to sign their reading records regularly.

Websites to help your child with their learning:

Websites for all Year Groups

Bug Club

<https://www.activelearnprimary.co.uk/login?c=0>

Children should know their own name and password. Please contact the school if you have any problems.

Year 5 Websites

Maths:

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

<http://primaryhomeworkhelp.co.uk/maths/timestable/interactive.htm>

English:

<http://www.funbrain.com/spell/>

<http://www.crickweb.co.uk/ks2literacy.html>

Topic:

<https://scratch.mit.edu/>

<http://www.everyschool.co.uk/science-key-stage-2-light.html>

<http://www.bbc.co.uk/education/topics/z82hsbk>

Indian Queens CP School, Suncrest Estate, Indian Queens, Cornwall, TR9 6QZ
Telephone 01726 860540

www.indianqueensschool.org

INDIAN QUEENS PRIMARY SCHOOL



LEARNING CHALLENGE INFORMATION YEAR 5 AUTUMN TERM 2016

Move It! (September - December)



We will investigate different areas of the curriculum through topic work. Questions we will be studying include:

- What changes took place in Britain from the Stone Age to the Iron Age?
- How did people survive in those times?
- What evidence is left so that we can learn about their lives?
- How does light travel?
- How do we see?
- Why do different objects create different sounds?
- How does sound move from its source to our ears?
- Can we use code to move a sprite on the screen?