

**English**

- Write non-fiction texts, such as non-chronological reports.
- Write stories with a historical setting
- Learn and write poetry, including using rhyme.
- Use different ways to link ideas across paragraphs.
- Improve writing using a thesaurus.
- Understand and use expanded noun phrases (including adjectives) to describe people and places.
- Draw inferences such as inferring characters' feelings, thoughts and motives by looking at their actions.

**Art / Design and Technology**

- Create a game using electrical systems.
- Show the effect of light and colour.
- Create different effects with paint using a variety of tools.

**Geography and History**

- Investigate Anglo-Saxon and Viking invasions, settlements and kingdoms.
- Use the eight points of the compass and 4 figure grid references to locate features on maps.
- Use maps to identify lines of latitude and longitude.

**Mathematics**

- Count forwards and backwards with positive and negative numbers.
- Round numbers to the nearest 10, 100, 1000 and 10 000.
- Solve problems involving addition, subtraction, multiplication and division.
- Compare and order fractions.
- Identify, name and write equivalent fractions.
- Solve problems involving numbers up to three decimal places.
- Recognise and understand percentages.
- Multiply numbers up to 4 digits by a one- or two-digit number using short and long multiplication.

**ROUTES AND ROOTS**



**YEAR 5**

**P.E.**

- Understand and follow the rules of games such as badminton.
- Create and perform dances using features such as canon and unison.

**Personal, Social, Health and Citizenship Education**

- Understand that our actions affect ourselves and others.
- Care about other people's feelings and try to see things from their point of view.

**Science**

- Investigate what happens when we change the voltage in an electrical circuit.
- Create simple circuit diagrams to show circuits.

**Religious Education**

- Investigate the teachings of the Ten Sikh Gurus.
- Find out how Jesus taught about the Kingdom of God through parables and miracles.

**Computing**

- Select, use and combine a variety of software to achieve goals.
- Use search technologies effectively.

**Music**

- Listen and respond to a variety of music, identifying sounds, rhythms and exploring emotions.

**Modern Foreign Languages**

- Learn and speak words and phrases associated with home and school.



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

Explore how writers create moods and feelings

- Writers choose their words carefully so that we can create a “picture” in our heads. Try watching a film with your child and talking about how atmosphere is created by the location (setting), the words that are spoken (dialogue) and the music or background sound effects.
- Freeze-frame a scene from your favourite video or DVD. Then, with your child, try thinking of as many words as possible to describe the setting and mood.
- When reading, encourage your child to try and identify which words are used to create particular moods in the story and talk about how this makes the reader feel.

### Special events this term will include:

World Book Day  
 Health Day  
 Science and Mathematics Week  
 Bournemouth Symphony Orchestra Day  
 Red Nose Day  
 Change for change week (Bongwe)  
 Educational visit to Recycling Centre

### Spring Term 2017

3 January – 31 March  
 (Half term 13 – 17 February)

The Summer Term will begin on  
 Tuesday 18 April

## Websites to help your child with their learning

Bug Club (new link)

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

### Websites for Year 5

English

[http://www.bbc.co.uk/schools/spellits/home\\_y5flash.shtml](http://www.bbc.co.uk/schools/spellits/home_y5flash.shtml)

<http://primaryhomeworkhelp.co.uk/interactive/literacy2.htm>

Mathematics

<http://www.topmarks.co.uk/Search.aspx?q=compass%20points>

<http://www.mathschamps.co.uk/games9-11>

Topic

<http://www.topmarks.co.uk/Interactive.aspx?cat=72>

<http://www.everyschool.co.uk/history-key-stage-2-vikings.html>

Indian Queens CP School, Suncrest Estate, Indian Queens, Cornwall, TR9 6QZ  
 Telephone 01726 860540  
[www.indianqueensschool.org](http://www.indianqueensschool.org)



## INDIAN QUEENS PRIMARY SCHOOL



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## LEARNING CHALLENGE INFORMATION

### YEAR 5

### SPRING TERM 2017

## ROUTES AND ROOTS (January – March)



This term’s topic for Key Stage 2 is ‘Routes and Roots’. This is an exciting topic which links together different areas of the curriculum. We will be studying the **routes** that were travelled by the Invaders and Settlers of England (Anglo Saxons and Vikings). We will also be finding out more about the **roots** from which the British civilization and values have grown. Our geography and science topic link in to this by studying maps and worldwide **routes** travelled by people past and present, and also the routes along which electricity flows.

- Why did the Vikings invade Britain?
- What changes did they make to the country?
- How did they organise the country?
- How can we locate places on different maps?
- What components can we use to create a successful circuit?
- What happens when we change the voltage in a circuit?
- How can we use electrical systems?
- Which artists can inspire us to create amazing paintings?
- How do different pieces of music make us feel?
- How can we distinguish different instruments when listening to music?
- What helps us to see things from other people’s points of view?
- How can we use mathematics in other areas of the curriculum?
- Which special teachings do Sikhs use to guide their everyday lives?
- How did Jesus use stories and actions to show his followers how to live their lives?