

## CURRICULUM CONTENT: YEAR 4

### English

- Place the possessive apostrophe accurately in words with regular plurals.
- Use conjunctions, adverbs and prepositions to express time and cause.
- Write an explanation text comparing differences between regions.
- Write a story using historical and geographical features.
- Use dictionaries to check the meaning of words that they have read.
- Make sure that words are written neatly, ensuring that the down strokes of letters are parallel and equidistant.

### Computing

- Solve problems by breaking them into smaller parts.
- Learn to use the internet to search for information safely
- Know a range of ways to report concerns when using the internet.

### Geography and History

- Investigate how England was invaded by other countries including from Germany and Scotland.
- Understand and use the eight points of a compass.
- Create symbols and keys for a map.
- Identify and distinguish between the Arctic and Antarctic Circles.

### Mathematics

- Solve addition, subtraction, multiplication and division problems, including two-step problems.
- Recall multiplication and division facts for multiplication tables up to  $12 \times 12$ .
- Multiply two-digit and three-digit numbers by a one-digit number using formal written layout.
- Recognise families of common equivalent fractions.
- Add and subtract fractions with the same denominator.
- Solve simple measure and money problems involving fractions and decimals to two decimal places.

### Music

- Listen with attention to detail and recall sounds, using appropriate vocabulary to explain what they hear.

### Personal, Social, Health and Citizenship Education

- R-Time - Show respect and good manners at all times.
- Appreciate the range of national regional, religious and ethnic identities in the United Kingdom.

### Modern Foreign Languages

- Identify how to say different stationery that you may use in school.
- Learn key vocabulary needed to take care of your pet.

### Physical Education

- Play competitive games including rugby, developing tactics and team spirit.
- Explore dynamics within dance.

### Religious Education

- Explore where and how Sikhs worship
- Understand beliefs about Jesus – Son of God, Son of Man, Saviour, Messiah, Redeemer, Conqueror.

# ROUTES AND ROOTS



## YEAR 4

### Science

- Recognise some common conductors and insulators, and associate metals with being good conductors.
- Identify that a switch opens and closes a circuit and create a simple series circuit.

### Art / Design and Technology

- Represent objects observed, remembered or imagined.
- Study and replicate paintings of famous artists.



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

- Write out or print tricky spelling words. Post one copy of the list on the fridge, another on the door to your child's room, and another in the bathroom. Use a different coloured pen or pencil for each word - or use a different colour for parts of each word that is regularly confusing your child. For example, if he continues to write "done" as "dun," use black for the d and n and red for the o and e.
- Make dice with letters rather than numbers. Take turns with your child to throw them and build words. List the words as they are made. The list can be saved and added to each time you play.
- Finding rhyming words is another game that can build spelling skills, eg. "Can you think of a word that rhymes with coal?" As your child suggests goal, mole, soul and so on, write them down. They'll soon notice for themselves that they have different spellings. Then try to collect lots more words for each of the different ways of spelling the same sound.

#### 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 Wheal Martyn

#### 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 4

English

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

<https://www.spellzone.com/games/index.cfm?wordlist=5971>

Maths

<http://www.math-exercises-for-kids.com/elementary-math-5.htm>

<http://www.mathschamps.co.uk/games7-9>

Vikings:

[http://www.bbc.co.uk/history/interactive/games/viking\\_quest/index\\_embed.shtml](http://www.bbc.co.uk/history/interactive/games/viking_quest/index_embed.shtml)

Science/ DT - Circuit Builder:

<http://thefusebox.northernpowergrid.com/page/circuitbuilder.cfm>

Indian Queens CP School, Suncrest Estate, Indian Queens, Cornwall, TR9 6QZ

Telephone 01726 860540

[www.indianqueensschool.org](http://www.indianqueensschool.org)

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### LEARNING CHALLENGE INFORMATION YEAR 4 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.

- Who invaded Britain and where did they come from?
- How does a switch work in an electrical circuit?
- How can we use a compass to describe movement and position?
- What are the differences between the polar regions?
- What is an electrical conductor and how can it be used?
- How reliant are we on electrical products in our everyday life?
- What techniques have famous artists used in their paintings?
- How can we use similar techniques to replicate their pictures?
- What technology controls objects when they move?
- How can we break down problems when programming with a computer?
- How can we use tactics when playing team sports?
- What are the elements of a good sportsperson?
- Does everyone in the world believe in one God?
- What is the daily life of a Sikh like?