

CURRICULUM CONTENT: YEAR 6

English

- Investigate a range of vocabulary and literary styles to improve the standard of their writing
- Increase their familiarity with a wide range of book genres
- Write in both formal and informal styles to entertain and inform
- Adapt sentences from the active form to the passive
- Expand noun phrases to add detail to a sentence
- Analyse how the past and present participle are used in sentences

History/Geography

- Investigate how Roman culture and technology influenced life in Europe
- Understand how volcanoes and mountains are formed by tectonic processes
- Appreciate why tribes resisted Roman rule
- Expand their knowledge of natural disasters to include the causes and impact of earthquakes

Music

- Develop their understanding of the history of music
- Improvise and compose music for a range of purposes

Modern Languages

- Apply their French vocabulary to roleplay conversations at home and in the community

Mathematics

- Understand how to calculate intervals across zero
- Improve their knowledge of the order of operations (BIDMAS)
- Extend their knowledge of formal calculation methods
- Divide and multiply fractions in proper and improper form
- Solve problems that require an understanding of percentage
- Identify pairs of numbers that satisfy an algebraic equation
- Calculate the perimeter and area of triangles with the aid of an equation

Art/Design & Technology

- Create 3D models of natural and man-made structures
- Investigate designs of complex structures including an appreciation of architecture and the associated technology used in construction
- Extend their knowledge of famous artworks and artistic techniques

ROMANS ROCK!



Year 6

Physical Education

- Advance their understanding of effective field placement, catching and shot accuracy in striking games
- Combine key skills while extending stamina in athletic activities
- Apply match tactics to a range of competitive sports and evaluate their performance as a team

Religious Education

- Compare and contrast places of worship in world religions
- Appreciate similarities in religious practice
- Understand why religion is important to a wide range of cultures

Personal, Social, Health and Citizenship Education

- Explore feelings about the transition to secondary school
- Appreciate how relationships change as we move and grow
- Understand the democratic process

Science

- Understand how rocks form and can be classified according to their properties
- Expand their knowledge of reversible changes including how to recover a substance from a solution
- Describe how solids, liquids and gases vary on the molecular level and why some materials are harder than others
- Compare and contrast key chemical reactions including reactions that are not reversible and form a new material
- Understand that light travels in straight lines and reflects off objects allowing us to see them
- Describe how our eye works

Computing

- Appreciate the far reaching implications of social media use and ways to report concerns
- Analyse and adapt code for specific tasks by identifying faults in an algorithm
- Appreciate how search results are ranked and combine software to accomplish given goals

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

- Use the Revision Guides and websites below to practise any areas in English and maths that your child would like support with.
- During SATs week (14 – 17 May) help your child to have a good night's sleep and a good breakfast each morning. Talk to them about how they are feeling each day.
- Make sure s/he is responsible for bringing the correct equipment to school each day e.g. letters, PE kit, reading book, homework etc. and not relying on you to do it for them!
- Discuss how your child feels about moving on to secondary school.
- Continue to work with your child on the Graded Number Challenge, encouraging him or her to use different mental strategies quickly and efficiently.

Special events this term will include:

SATs Week (wk beg. 14th May)
Sports Day
Educational visit
Hit the Surf event at Fistral Beach
Transition Days at secondary schools
Camp
Spring Garden Fair
Summer Fair

Summer Term 2018

16th April – 20th July
(Half term 28th May – 1st June)

Websites to help your child with their learning

Espresso/Discovery

<https://online.espresso.co.uk/espresso/login/Authn/UserPassword>

Bug Club (link)

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

Year 6 Websites

Revision for English, Maths and Science

<http://www.bbc.co.uk/bitesize/ks2/>

<http://www.crickweb.co.uk/Key-Stage-2.html>

Selection of activities to support learning in maths

<http://www.compare4kids.co.uk/maths.php>

Resources to support science topics

<http://www.kids-earth-science.com/>

Resources to support history topics

<http://www.earlybritishkingdoms.com/kids/romans.html>

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 6 SUMMER TERM 2018

Romans Rock! (April - July)



This term's topic for Key Stage 2 is 'Romans Rock!'. Through this exciting topic, we will study different areas of the curriculum and it also links to our local community through our connections to China Clay production. We will be studying the lives and lands influenced by Ancient Rome, both in the past and in the present day, including making Roman technology. Our science will focus on chemical changes and the properties of materials.

- How did the arrival of the Roman Empire affect the lives and culture of Celtic nations?
- What was revolutionary about the technology of Ancient Rome?
- Which features of the landscape have been formed by tectonic processes?
- How has China Clay production changed the local area?
- Are volcanoes always a problem for local communities?
- How does the human eye work and process light information?
- Why can social media be dangerous? How can we stay safe?
- How do places of worship vary across religions?
- What do map contour lines tell us about the landscape?
- How are the Christian and Muslim faiths similar?
- Why is health and fitness important to the systems of the body?
- What fielding positions are most effective?