Autumn 1 2019-20 | Etal Castle Class Curriculum Overview | Year 5/6 - Miss Jones

<table>
<tr><th>Subject</th><th colspan="2">What we will learn this half term</th></tr>
<tr><td>English</td><td colspan="2">Reading We will look at a range of fiction and non-fiction texts and will continue to develop our vocabulary as well as our skills in inference, prediction, clarification and evaluation. This half term we will read the book Wonder by R.J. Palacio as a class.
Writing We will use our topic as a stimulus to write a range of fiction and non-fiction texts in a range of subjects across the curriculum. For example, we will write a recount of our school trip, instructions for how to program your own computer game and a story about being trapped inside a virtual world, as well as much more!
Spelling, punctuation and grammar A list of twelve spellings will be sent home each Friday and the children will be tested on these spellings the following Friday. This half term pupils will also revise the use of commas, determiners, fronted adverbials, subordinating conjunctions, prepositions, pronouns, inverted commas, apostrophes and using punctuation to show parenthesis.</td></tr>
<tr><td>Maths
Place Value</td><td colspan="2">Pupils will learn to:
read, write, order and compare numbers to 10,000,000 and determine the value of each digit
count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000
interpret and use negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero
read Roman numerals to 1000 (M) and recognise years written in Roman numerals
round any whole number to a required degree of accuracy
multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication
divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and begin to interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context
divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context
perform mental calculations, including with mixed operations and large numbers
use their knowledge of the order of operations to carry out calculations involving the four operations
solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why
solve problems involving addition, subtraction, multiplication and division
use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.</td></tr>
<tr><td>Science</td><td>In science, Year 5 will study Earth and space. They will learn to:
describe the movement of the Earth, and other planets, relative to the Sun in the solar system
describe the movement of the Moon relative to the Earth
describe the Sun, Earth and Moon as approximately spherical bodies
use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.
Pupils will also have the opportunity to visit the planetarium on our trip to the Life Science Centre.</td><td>Year 6 will study electricity. Pupils will learn to:
associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
use recognised symbols when representing a simple circuit in a diagram.</td></tr>
</table>

Topic	We will use our trip to the *Game On 2.0* exhibition at the Life Science Centre as a stimulus to learn about how leisure and entertainment changed over the 20th century. Pupils will: • Devise historically valid questions about change, cause, similarity and difference, and significance by learning about the role of cinema in 20th century entertainment. • Continue to develop a chronologically secure knowledge and understanding of British, local and world history by learning about how and why football changed across the 20th century in Britain and throughout the world. • Note connections, contrasts and trends over time by learning about how some young people spent their leisure time in the 1960s. • Learn about why the British holiday industry boomed from the 1930s onwards. • Understand how our knowledge of the past is constructed from a range of sources and that different versions of past events may exist by learning about how television became a popular leisure activity. • Construct informed responses that involve thoughtful selection by learning about the impact of 20th century technologies on leisure and entertainment in the 21st century.
Art & D&T	Our art and DT work will also be linked to our topic. In art we will explore using techniques to draw in both 2D and 3D and we will design our own comic. In DT we will design our own computer games using the coding program 'Scratch'.
PE	Mrs Burroughs will take the class for PE on Tuesday afternoons. Year 5 will go swimming on Wednesday.
Music	We will be learning and rehearsing songs for the Harvest festival. We will also follow the Charanga scheme of learning to practise a range of musical skills.
French	This half term we will be learning to talk and write about our hobbies and leisure activities in French. We will also begin to apply our knowledge to listening activities.
Computing	As well as designing and creating our own computer games in DT, we will be taking part in the VEX IQ project by building our own programmable robot as a class.
RE	This half term we will learn about creation stories across a range of different religions. We will also think about Harvest as a Christian festival.
PSHE	Etal class will have PSHE with Mrs Bowron on Wednesday afternoons.

<u>Dates for your diary (further details to follow)</u>

Etal Castle Class trip to the Life Science Centre – 4th September
Welcome Back Celebration Event – 20th September
Harvest Festival – 9.15am on Monday 21st and Tuesday 22nd October

<u>Notices</u>

- Homework goes home on Fridays. Pupils should homework folders to school on Thursdays. A copy of our Homework Policy is on the school website http://www.hipsburn.northumberland.sch.uk/website
- Pupils will need their PE kits every Tuesday and Year 5 pupils will need their swimming kits every Wednesday.
- Spellings and times table tests are on Fridays. A full overview of the year's spellings can be accessed through the Etal class page on the school website.
- Please ensure your child brings a water bottle with them to school every day.

<u>Useful links</u>

http://www.bbc.co.uk/bitesize/ks2/maths/
http://www.topmarks.co.uk/maths-games/7-11-years/times-tables
National Curriculum: http://www.educationengland.org.uk/documents/pdfs/2013-nc-framework.pdf

Welcome back and thank you so much for your support!

Miss Jones