

Headlands Primary School Curriculum Overview

YEAR 5

Welcome to Term 1:

Hello and welcome to Year 5. Your teachers this year are Mrs Green and Miss Symons in class 11 and Mr Kelly in class 12. We also have our 2 marvellous teaching assistants Mrs Jelley and Mrs Coad.

During this term, the children will learn about Earth and space. They will take on the role of astronauts and plan a mission to Mars.

During our first week back at school the children will explore the solar system in a planetarium. They will use this opportunity to study the stars, constellations and the Solar System. They will also write imaginative stories about the moon landing, using *The Sea of Tranquility* by Mark Haddon as inspiration and will finish the term by designing and creating space buggies to race across the surface of Mars.

Please note that our designated person for child protection is Mr Smith, in his absence please see Mrs Smith (Deputy Head Teacher) or Mrs Ritchie (Family Support Worker)

Homework

The children will continue to have weekly spellings and basic Maths skills to practise in their homework books. They may be set an activity on MyMaths. Children also have their own login details for TT Rockstars, which they can use to practise speed and fluency of their times tables online. We can track children's progress on both MyMaths and TT Rockstars and set appropriate tasks.

Homework will be given out on a Friday and returned to school the following Wednesday.

Spellings will be given out on a Wednesday and returned to school the following Wednesday for children to be tested on.

Children should read 4 times a week and record this in their reading record books. These need to be in school every Friday.

If you have any concerns please come and speak to your child's teacher.

PE **Please ensure that your child has their complete PE kit in school all week**
The children have two PE sessions each week. We ask that they bring their PE kit into school on Monday morning and keep it in school for the whole half term. Their kits need to be named and the PE kit should include appropriate outdoor kit too.

Notices:

Please be aware of the following key dates for the year group.

14th September- Planetarium visit

15th and 17th October-Termly learning conferences.

16th October- School Disco and TTE.

26th and 27th Kings Park residential.

By the end of Year 5 most children will be able to do the following:

Reading	Writing	Maths
<ul style="list-style-type: none"> Summarise main points of an argument or discussion within their reading & make up own mind about issue/s. Compare between two texts. Appreciate that people use bias in persuasive writing. Appreciate how two people may have a different view on the same event. Draw inferences and justify with evidence from the text. Vary voice for direct or indirect speech. Recognise clauses within sentences. Explain how a why a writer has used clauses to add information to a sentence. Use more than one source when carrying out research. Create a set of notes to summarise what has been read. 	<ul style="list-style-type: none"> Add phrases to make sentences more precise & detailed. Use a range of sentence openers - judging impact or effect needed. Begin to adopt sentence structure to text type. Use pronouns to avoid repetition. Indicate degree of possibility using adverbs (e.g. perhaps, surely) or modal verbs (e.g. might, should, will). Use the following to indicate parenthesis: <ul style="list-style-type: none"> Brackets Dashes Comma Use commas to clarify meaning or avoid ambiguity. Link clauses in sentences using a range of subordinating & coordinating conjunctions. Use verb phrases to create subtle differences (e.g. she began to run). Consistently organise into paragraphs. Link ideas across paragraphs using adverbials of time (e.g. later), place (e.g. nearby) and number (e.g. secondly). Write legibly, fluently and with increased speed. 	<ul style="list-style-type: none"> Count forwards & backwards with positive and negative numbers through zero. Count forwards/ backwards in steps of powers of 10 for any given number up to 1,000,000. Compare & order numbers up to 1,000,000. Compare & order numbers with 3 decimal places. Read Roman numerals to 1,000. Identify all multiples & factors, including finding all factor pairs. Using known tables to derive other number facts. Recall prime numbers up to 19. Recognise & use square numbers & cube numbers. Recognise place value of any number up to 1,000,000. Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000, 100,000. Round decimals with 2 decimal places to the nearest whole number & 1 decimal place. Add & subtract numbers with more than 4-digits using formal written method. Use rounding to check answers. Multiply 4-digits by 1-digit/2-digits. Divide up to 4-digits by 1-digit. Multiply & divide whole numbers & decimals by 10, 100 & 1,000. Recognise & use thousandths. Recognise mixed numbers & improper fractions & convert from one to another. Multiply proper fractions & mixed numbers by whole numbers. Identify & write equivalent fractions. Solve time problems using times tables and converting between different units of time.