



## Year Five Spring two

### English

In writing, we will be focusing on non-fiction and looking at an explanation Talk for Writing unit using the text 'Why were the 3 little pig's houses destroyed?' The children will create a toolkit for explanation writing to help them independently write their own at the end of the unit.

Our second unit is writing a quest story and we will use the text 'Nyangasa the fire python' as our example piece. The children will be focusing on action and creating a toolkit to support them with their own quest story ensuring it contains action.

Alongside our Talk for Writing units, we will continue to teach Y5 elements of Grammar, Punctuation and Spelling to help to write with increased accuracy and awareness of sentence structure as well as revising aspects taught in other year groups.

Each week we will focus on different spellings including statutory Year 5 words and adding suffixes with words ending in fer, using a hyphen, words spelt with ie and ei after c and finally we will look at words containing the letter string ough.

Through the term, we will read a variety of texts to improve our comprehension skills focusing on different question types.

We will continue with our daily Vocabulary Ninja words. Don't forget to ask your child what their word of the day is!

### Mathematics

Our first unit will be multiplication and division. In this unit, children will extend their understanding of multiplication and division using a range of methods to calculate with up to 4-digit numbers, multiplying by 2-digit numbers or dividing by 1-digit numbers while dealing with exchange. The children will continue to develop reasoning and problem-solving skills while interpreting remainders. Before we start this unit, it is expected that children can: • partition numbers and identify the place value of each digit in a number • use the column method for multiplication and multiply numbers by 10, 100 and 1,000 • add and subtract numbers using written methods • find multiples of numbers using multiplication facts.

Our next unit will be fractions. In this unit, the children are introduced to the concept of multiplying fractions and mixed numbers by whole numbers and extend their learning of fractional amounts using visual and written strategies. The children will continue to build their confidence with problem solving and explore efficient methods for fractions as operators. Before they start this unit, it is expected that children: • can find equivalent fractions and convert between improper fractions and mixed numbers • can add fractions which have the same denominator • understand the commutative law and can draw and use bar models.

### Geography

In geography, we will be looking at the enquiry question - What are the main ocean currents of the world? The children will be learning the following fingertip facts;

- An ocean current is a continuous movement of ocean water from one place to another.
- Ocean currents are created by wind, water temperature, salt content and the gravity of the moon.
- Ocean currents affect weather patterns around the world: they transport warm water to colder areas and cold water to warmer ones.
- Gyres are large systems of circulating ocean currents, kind of like slow-moving whirlpools. There are five gyres to be exact—**the North Atlantic Gyre, the South Atlantic Gyre, the North Pacific Gyre, the South Pacific Gyre, and the Indian Ocean Gyre**—that have a significant impact on the ocean.
- Plastic pollution is transported by ocean currents.

### Science

In Science, we will continue with our learning about properties of materials. During this half term, we will celebrate Science week and have a focus of working scientifically.

<p><b><u>DT</u></b>          In DT, we are focusing on structures. We will be completing a building bridge unit of work. The children will explore ways in which pillars and beams are used to span gaps and ways in which trusses can be used to strengthen bridges. Explore ways in which arches are used to strengthen bridges, understand how suspension bridges are able to span long distances. Develop criteria and design a prototype bridge for a purpose and analyse and evaluate products according to design criteria.</p>	<p><b><u>Spanish</u></b>          This term we will be learning about different foods and how to give opinions about foods. We will be completing this work with the support of the text 'The hungry monster story'.</p>
<p><b><u>RE</u></b>          In R.E. we will focus on Islam. Over the Spring term we will answer the enquiry question 'How do Muslims practice the 5 pillars of Islam?'</p>	<p><b><u>PHSE</u></b>          Our PSHE unit this half term is all about Healthy Lifestyles.</p>
<p><b><u>Physical Education</u></b>          In PE, the children will build and practice skills in elements they will use across different invasion games. They will develop key skills across a range of invasion games including movement and evasion. The children will also complete a unit on ball skills reaction and response</p>	<p><b><u>Music</u></b>          In music, we will be learning to play the glockenspiel. Mr Kidmans, from the music service will be delivering these lessons.</p>
<p><b><u>How can you help at home?</u></b></p> <p>*Please encourage your child to participate in our Redscope Reading Challenge. We have a range of fantastic age-appropriate books which are perfect to share as a family. All children should be reading for 15 minutes at least three times per week and these sessions should be logged in their planner.</p> <p>*All children will be given appropriate spellings during the week. These may be topic related words or link to a spelling rule they have learnt throughout the week. Please support your child in learning their spellings at home.</p> <p>*In maths, please encourage your child to access Math Flex. This programme builds on the learning that is completed in class and sets support and challenge where needed to help your child make the progress they are capable of. There will also be regular TTRockstars battles available for the children and they can also use this website to practise.</p> <p>*As part of our Oceans topic, all children should complete a project that they are interested in. We have discussed possibilities with the children and a list of some ideas have been attached in their planner.</p> <p>If you do have any questions about your child's learning, please do not hesitate to contact us through the class email addresses.  <a href="mailto:rsp-class11@nclt.ac.uk">rsp-class11@nclt.ac.uk</a>  <a href="mailto:rsp-class12@nclt.ac.uk">rsp-class12@nclt.ac.uk</a></p>	