



## Year Five Autumn Two

### English

In writing, we will be focusing on a Talk for Writing unit that includes a change. We will look at the text *The Tunnel* by Anthony Browne and the children will use dialogue to convey a character toolkit to write their own story.

Our second text will be *How to look after a pet dragon* with a focus on instructions. Linked to the festive season, the children will create their own instructions on how to look after an elf.

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

Our grammar focus this half term will be punctuating dialogue correctly.

Each week we will focus on different spellings including statutory Year 5 words, revision of prefixes, and suffixes ending in *-ious* and *-tious*. We will continue with our daily Vocabulary Ninja words. Don't forget to ask your child what their word of the day is!

### Mathematics

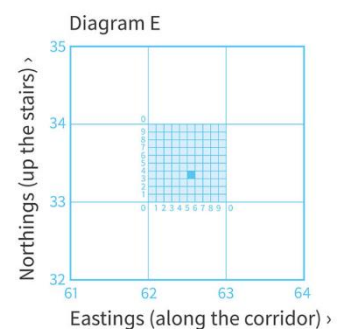
The children will complete an addition and subtraction unit. This unit builds on children's work in Year 4, where they learnt to add and subtract 4-digit numbers. It will extend their knowledge of addition and subtraction using formal written methods for numbers with up to five digits. It will give children the opportunity to build confidence with problem solving and to explore efficient methods for addition and subtraction calculations, including those that can be solved mentally.

The children will then complete a multiplication and division unit. This unit will develop children's multiplicative reasoning. Children will begin by developing their understanding of multiples, common multiples, factors and common factors, recognising what they are and how they are found. These concepts will be closely linked to familiar and new concrete and pictorial representations to secure their understanding. Following this, children will learn about prime numbers and how they are different to composite numbers. Children will then investigate square and cube numbers, linked to their concrete understanding of the shape namesakes. Having learnt about properties of numbers, children will learn how to multiply and divide by 10, 100 and 1,000 and use this knowledge to multiply and divide by multiples of 10, 100 and 1,000.

### Geography

In geography, we will look at mapping. By the end of our topic the children should know the following 'Fingertip Facts';

- Maps have a grid system to help locate places with accuracy. The horizontal lines that divide the map are known as eastings and the vertical lines are known as northings.
- Map scale: A map has to 'shrink' a large area of land to represent it at a much smaller size.
- A grid reference is **a location on a map, which is found using the northing and easting numbered lines**. Grid references are useful for helping a map user to find specific locations.
- Four-figure grid references are used to locate a particular grid square on a map. We use the eastings (horizontal number) first and then the northings. You can remember this by saying, 'along the corridor and up the stairs'. Along comes first.
- If you want to pinpoint a more exact place on a map, such as your own house, you will need to use a six-figure grid reference. First, find the four-figure grid reference for the square and write it down with a space after each set of numbers, like this: 62\_ 33\_ Now imagine this square is divided up into 100 tiny squares with 10 squares along each side. Still remembering to go along the corridor and up the stairs, work out the extra numbers you need and put them into your four-figure grid reference like this in diagram E: 625 333.



### Science

In Science, we will be learning about forces. The children will look at how unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. They will identify the effects

of air resistance, water resistance and friction that act between moving surfaces. Finally, the children will recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect

**Art**

In art, we will be completing an art through technology project. We will take a digital photograph and use software to alter it, adapt it and create a piece of pop art in the style of Andy Warhol's Marilyn Monroe inspired art.

**DT**

In DT, we will be design an appealing Christmas decoration. The children will select from and use a range of tools and equipment to make the product and develop their sewing skills by ensuring it is accurately assembled and well finished.

**PHSE**

In PHSE we will be completing the relationships and sex education unit. We will cover the following within the lessons:  
Identify some of the physical changes that happen to bodies during puberty  
Explain that puberty begins and ends at different times for different people  
Teach and use scientific vocabulary for external and internal male and female body parts/genitalia  
Explain what happens during menstruation (periods)  
Explain what is meant by ejaculation and wet dreams  
Explain how and why it is important to keep clean during puberty and describe ways of managing physical change during puberty  
Describe how emotions and relationships may change during puberty and explain where we can get the help and support we need in relation to puberty.

**Physical Education**

In PE, we will be covering the Real PE which focuses on Applying Physical Agility in particular looking at reaction and response, static balance and floor work.  
We will also be looking at the IMoves unit Pilates which will involve performing complex moves with a focus on holding the correct posture and alignment.

**RE**

In R.E. we will continue to focus on Christianity. We will look at the Christian religion, the beliefs and sources of wisdom and authority. Our enquiry question to answer will be 'How do Christians use the bible?'

**Music**

In music, we will be very busy with Christmas songs in preparation for our Christmas performance.

**Spanish**

This term we will develop and extend our knowledge of naming the body parts with colours. The children will play the monster game which involves naming the monster parts adding in adjectives to describe the colour.  
The children will learn the adjective agreement rule and explore how the endings of adjectives can vary in Spanish.

**Visits and Visitors**

The children will be going to The National Space Centre on Friday 17th November.

**How can you help at home?**

\*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.

\*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.

\*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.

\*As part of our mapping 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.

If you do have any questions about your child's learning, please do not hesitate to contact us through the class email addresses.

[rsp-class11@nclt.ac.uk](mailto:rsp-class11@nclt.ac.uk) and [rsp-class11@nclt.ac.uk](mailto:rsp-class11@nclt.ac.uk)