

Newchurch Community Primary School - Share in our learning...Year 3 Autumn B

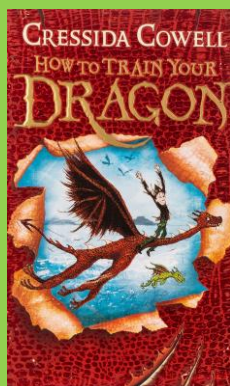
English:

Winter's Child - Angela McAllister



When Tom wishes winter would never end, he meets another boy who shares his love of snow and ice. Tom hardly notices that spring doesn't come - until he realises the terrible effect of unending winter is having on the countryside and his sick grandma.

How to train your dragon - Cressida Cowell



Meet Hiccup as he overcomes great obstacles on his journey of becoming a hero, the hard way.

Poetry - The children will explore a variety of poems to develop their knowledge of similes. They will analyse poems based on **The Magnificent Bull** from the African Dinka Tribe and write and perform a Dinka-inspired poem about the blue whale.

Writing: We will be using our class texts to focus on the following targets in our grammar and writing:

- Use conjunctions and adverbs to express, time, place and cause
- Use a or an according to whether the next word begins with a vowel or consonant

Mathematics: Along with our arithmetic and calculation skills we will be looking at the following areas of the curriculum:

Year Three		Autumn Two
Week	Unit	Expectations
1	Place Value	Compare and order numbers up to 1,000 Identify, represent and estimate numbers using different representations Read and write numbers up to 1,000 in numerals and in words
2	Addition and Subtraction	Estimate the answer to a calculation and use inverse operations to check answers Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
3	Addition and Subtraction	Estimate the answer to a calculation and use inverse operations to check answers Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
4	Multiplication and Division	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects
5	Fractions	Recognise and show, using diagrams, equivalent fractions with small denominators Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$] Compare and order unit fractions, and fractions with the same denominators
6	Measurement	Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight Know the number of seconds in a minute and the number of days in each month, year and leap year Compare durations of events [for example, to calculate the time taken by particular events or tasks]
7	Properties of Shape	Recognise angles as a property of shape or a description of a turn Identify right angles, recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn; identify whether angles are greater than or less than a right angle Identify horizontal and vertical lines and pairs of perpendicular and parallel lines
8	Statistics	Interpret and present data using bar charts, pictograms and tables Solve one-step and two-step questions [for example 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables Can relate knowledge of time to problems related to timetables

Useful websites:

<https://play.ttrockstars.com/auth/school/student>

Science: Our scientific studies will focus on **Rocks**

- compare and group together different kinds of rocks on the basis of their appearance and simple physical properties
- describe in simple terms how fossils are formed when things that have lived are trapped within rock
- recognise that soils are made from rocks and organic matter

Useful websites:

<https://www.bbc.co.uk/bitesize/topics/zbssgk7>

Places to visit :

<https://www.liverpoolmuseums.org.uk/search/light>



- In narratives, create characters, settings and plot
- Use inverted commas to punctuate direct speech

Physical Education: Athletics



In PE we will be looking at Athletics. The children will be working to run consistently and smoothly at different speeds and demonstrate different combinations of jumps,

showing control, coordination and consistency. We will throw a range of resources into a target area with consistency and accuracy. We will recognise that there are different techniques of running, jumping and throwing and that we need to choose the best one for a particular challenge and type of equipment

Geography:



We will be looking at location knowledge, including naming and locating counties and cities of the United Kingdom. We will also look to describe and understand key aspects

of human and physical geography, including types of settlement and land use and revisit the Stone Age to see how these have changed over time. We will explore geographical skills and fieldwork which include using maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

Useful websites:

<https://www.bbc.co.uk/bitesize/topics/z82hsbk>
<https://www.bbc.co.uk/bitesize/articles/zfg9bqt>

Design Technology: Pneumatic Toys

- Draw accurate diagrams with correct labels, arrows and explanations.
- Correctly identify definitions for key terms.
- Identify five appropriate design criteria.
- Communicate two ideas using thumbnail sketches.
- Communicate and develop one idea using an exploded diagram.
- Select appropriate equipment and materials to build a working pneumatic system.
- Assemble their pneumatic system within the housing to create the desired motion.
- Create a finished pneumatic toy that fulfils the design brief.



Useful websites:

<https://www.bbc.co.uk/bitesize/clips/zqxtsbk>

Religious Education: Islam



In RE, we will be exploring the story of the Prophet Muhammad (pbuh) and how he is seen as a role model to Muslims. We will explore how the Prophet influences Muslim life and learn about the Five Pillars of Islam, with a particular focus on Zakat (compulsory giving).

Useful websites: <https://www.bbc.co.uk/programmes/p0115jdd>

Music:

Creating compositions: mountains

The children will be building on their knowledge of soundscapes creating compositions in response to an animation, building up layers of texture considering dynamics, pitch and tempo throughout.



Singing:



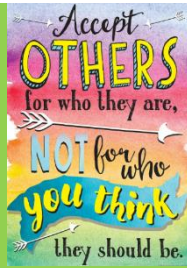
They will also be developing singing techniques, learning to sing with accuracy and control and develop their vocal technique.

PSHE:

Respecting ourselves and others

In PSHE, we will be focussing on recognising respectful behaviour and the importance of self-respect, courtesy and being polite. We will also be focussing on anti-bullying week, where we will discuss disabilities and how it feels to be singled out.

Useful websites: <https://anti-bullyingalliance.org.uk/anti-bullying-week/anti-bullying-week-2022-reach-out>



Languages: Little Red Riding Hood



- Use the Spanish for “I am” (soy), “I have” (tengo) and “I live” (vivo).
- Name in Spanish, the 6 key periods of ancient Britain, introduced in chronological order.
- Be able to say in Spanish 3 of the types of people who lived in Ancient Britain.
- Tell somebody in Spanish the 3 key hunting tools used during the stone age, bronze age and iron age in ancient Britain.

Name the 3 types of dwellings people lived in during the stone age, bronze age and iron age.

Computing:

Keyboard Adventures and T-Shirt Designer



The Keyboard adventures unit will allow the children to troubleshoot when something doesn't appear to be working with a device. It will also allow them to improve the quality and presentation of their work and create video, animation and 3D images with technology.



The T-shirt Designer unit will allow the children to improve the quality and presentation of their work using editing and formatting techniques. They will use search tools to find and use an appropriate website, search for and use information from a range of sources and search for copyright free images online to use in their own work.