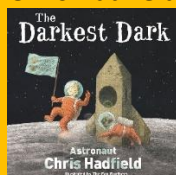


Newchurch Community Primary School - Share in our learning...Year 5 Autumn A

English:

Reading:

The Darkest Dark – Chris Hadfield

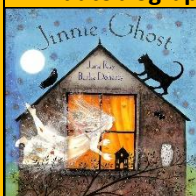


Our class text is The Darkest Dark by Chris Hadfield. The story of the astronaut's life and his journey into space. We will be studying **biography and autobiography.**

Eleven – Tom Rogers



The story of a young boy who finds that a few lies can get you into a very difficult place...in his case lost in space.



Our year starts off with our poetry unit where we investigate figurative language through a range of poems, such as Berlie Doherty's Jinnie Ghost.

Writing:

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

- Distinguish between statements of fact and opinion.
- Variety of verb forms used correctly and consistently
- Use commas to clarify meaning or avoid ambiguity in writing
- Link ideas across paragraphs using adverbials and tense choices
- Use brackets, dashes or commas to indicate parenthesis

Mathematics:

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

Year Five		Autumn One
Week	Unit	Expectations
1	Place Value	<ul style="list-style-type: none"> • read, write, order and compare numbers to at least 1,000,000 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
2	Addition and subtraction	<ul style="list-style-type: none"> • add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) • add and subtract numbers mentally with increasingly large numbers
3	Multiplication and Division	<ul style="list-style-type: none"> • identify multiples and factors, including finding all factor pairs of a number, and common factors of 2 numbers • know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers • establish whether a number up to 100 is prime and recall prime numbers up to 19
4	Fractions	<ul style="list-style-type: none"> • compare and order fractions whose denominators are all multiples of the same number • identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths • recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number (for example, $2/5 + 4/5 = 6/5 = 1 \frac{1}{5}$) • add and subtract fractions with the same denominator, and denominators that are multiples of the same number
5	Measurement	<ul style="list-style-type: none"> • convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre) • understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints
6	Properties of Shape	<ul style="list-style-type: none"> • identify 3-D shapes, including cubes and other cuboids, from 2-D representations • know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles • draw given angles, and measure them in degrees (°)
7	Statistics	<ul style="list-style-type: none"> • solve comparison, sum and difference problems using information presented in a line graph • complete, read and interpret information in tables, including timetables

Useful websites:

<https://www.bbc.co.uk/bitesize/topics/zd2f7nb/articles/zn2y7nb>

Science:

Our scientific studies will focus on **Earth and Space** and our place in the universe. We will investigate the movements of the planets, how night and day occurs and how the sun brings the seasons.



Through our study of light, we will also be investigating how shadows are formed. Our learning will be supported through experimentation and links with Jodrell Bank observatory.

Useful websites

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

www.compare4kids.co.uk/learn.php

<https://www.nasa.gov/kidsclub/index.html>

<https://spaceplace.nasa.gov/>

Places to visit:

<https://www.jodrellbank.net/>



Physical Education:



Our teamwork and knowledge of invasion games will be challenged as we develop our netball skills this half term.

We will also be looking at our ball control skills in our RealPE sessions in order to ensure that we are ready for our invasion games.



Religious Education:



Christianity

In RE, we will be looking at how we can learn about and from religious beliefs and how they guide others and can ultimately support our own journey. We will be investigating how it can be difficult to make the correct choices and the way in which we can be guided.

Useful websites:

<https://kids.britannica.com/kids/article/Christianity/352957>

PSHE:



Families and Friendships

The start of any new year can be challenging and recognising how our relationships change and grow is really important. This unit aims to support children with these challenges.

Useful websites:

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

History and Geography:



Our historical studies will take us back to turbulent times in British history and the Anglo-Saxon period. We will look at invasion, settlement and how these lands have changed over time.

In geography, we will head across Europe to the Alps. We look at the physical geography the landscape and the human aspects of life in the Alps.



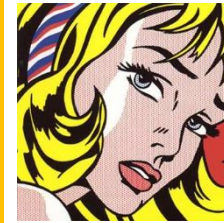
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Useful websites:

<https://kids.kiddle.co/Anglo-Saxons>

Music:

Art:



Our first unit is **drawing** and will reflect on the work of the American artist Roy Lichtenstein. We will be considering how artists use line in their work.

They will also begin to look at how artists can change the world around them and the movements they form – such as the Pop Art movement.

Useful websites:

<https://www.tate.org.uk/kids/explore/what-is/pop-art>



Musical notation

For many, reading music feels like a foreign language; we will be looking to dig deeper into that language and gain an understanding of how musicians master their performances through notation. We will also be investigating a range of vocabulary linked to music.

Useful websites:

<https://www.youtube.com/watch?v=y46FuaUMtBw>

Languages:



The Planets

Whilst we are transitioning to the Spanish language we will continue to investigate new language and sentence features. We will be using our written and spoken language to look at words linked to being in school.

Useful websites:

<https://www.youtube.com/watch?v=RrzE9xXW6CQ>

Computing:



Vlogging and working online

Being safe online is a cornerstone of the computing curriculum and this unit allows us to investigate how they can be creative online whilst remaining safe.

Useful websites:

<https://www.saferinternet.org.uk/>

<https://www.nspcc.org.uk/keeping-children-safe/online-safety/>