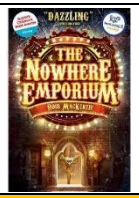
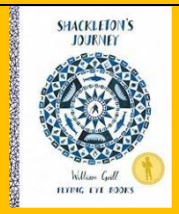
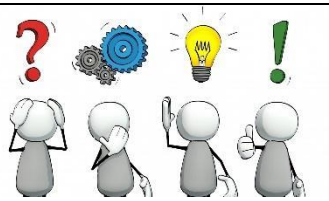
Newchurch Community Primary School - Share in our learning…Year 5 Spring B

English:	**Reading for Pleasure:** **The Nowhere Emporium –** **Ross Mackenzie** The story of a mystical and mysterious store which holds many wonders and a young child's strange encounters within. 	**Week One - Poetry:** Our poem for the half term is Charles Causley's – Good Morning Mr Croco-Doco-Dile. https://www.youtube.com/watch?v=ojdN1OGnqbY 

Week Two	Week Three	Week Four	Week Five	Week Six
				
Explanation Text	**Mystery Narrative**	**Procedural Writing**	**Children's Choice Narrative**	**Non-chronological Report**
• Using commas to clarify meaning. • Use accurate relative clauses which begin with relative pronouns: who, which, where, when, whose • Use punctuation for parenthesis: brackets, commas, dashes. • Maintain tense and degrees of formality • Identify and use determiners • Use a dictionary and thesaurus to check the meaning of words and expand vocabulary.	• Use expanded noun phrases to convey complicated information concisely. • Describe settings, characters and atmosphere. • Integrate dialogue to convey character and advance the action. • Use accurate speech punctuation and inverted commas to punctuate direct speech. • Use accurate relative clauses which begin with relative pronouns: who, which, where, when, whose • Maintain tense and degrees of formality • Use a dictionary and thesaurus to check the meaning of words and expand vocabulary.	• Use passive verbs effectively to vary the structure of sentences. • Using commas to clarify meaning. • Use punctuation for parenthesis: brackets, commas, dashes. • Use adverbs to indicate degrees of possibility e.g. perhaps, surely; and modal verbs e.g. might, should, must • Maintain tense and degrees of formality • Identify and use determiners • Use a dictionary and thesaurus to check the meaning of words and expand vocabulary.	• Use expanded noun phrases to convey complicated information concisely. • Describe settings, characters and atmosphere. • Integrate dialogue to convey character and advance the action. • Use accurate speech punctuation and inverted commas to punctuate direct speech. • Use accurate relative clauses which begin with relative pronouns: who, which, where, when, whose • Maintain tense and degrees of formality • Use a dictionary and thesaurus to check the meaning of words and expand vocabulary.	• Using commas to clarify meaning. • Use punctuation for parenthesis: brackets, commas, dashes. • Use adverbs to indicate degrees of possibility e.g. perhaps, surely; and modal verbs e.g. might, should, must • Maintain tense and degrees of formality • Use a dictionary and thesaurus to check the meaning of words and expand vocabulary.

Mathematics:

Year Five		Spring Two
Week	Unit	Expectations
1	Place Value	Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through 0 Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000 Use rounding as a strategy for quickly estimating what approximate answers ought to be before calculating
2	Addition and subtraction	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 Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why Apply algebraic reasoning to problem solving
3	Multiplication and Division	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	Compare and order fractions whose denominators are all multiples of the same numberand related denominators Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths Convert improper/mixed fractions 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 1/5] Add and subtract fractions with the same denominator, and denominators that are multiples of the same number
5	Measurement	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 Relate imperial measures still used regularly in our society to their metric equivalents, for example, miles to Km and lbs to Kg Apply conversions to real-world contexts
6	Statistics	Solve comparison, sum and difference problems using information presented in a line graph Complete, read and interpret information in tables, including timetables Use a range of timetables to work out journey times on a fictional journey around the world, for example, 'How long would it take to reach the rainforests in the Amazon?' Collect own data on personal project and present information in formats of their choosing, charts, graphs and tables

https://www.bbc.co.uk/iplayer/episode/p08b5kr4/bitesize-daily-911-year-olds-teacher-talks-maths-decimals-and-percentages

Science:

We will be looking at the world around us and how materials behave and the way we use them. Everything from magnetism to dissolving will be covered this half term and we will be investigating a whole range of complex vocabulary, from solutes and saturation to reversible and irreversible.

Our lessons will help us understand the properties of the materials in our everyday life.

Useful websites

https://www.stem.org.uk/resources/community/collection/12742/year-5-properties-materials

https://www.bbc.co.uk/bitesize/topics/z4339j6/articles/zx8hhv4

https://www.bbc.co.uk/bitesize/topics/zjty4wx/articles/zpbdpbk

Places to visit:

https://www.scienceandindustrymuseum.org.uk/

Physical Education:

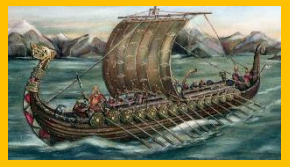
Our teamwork and knowledge of invasion games will be challenged as we develop our handball skills this half term.

Our swimming lessons will continue this term, where we will visit the local swimming baths to work on our swimming skills and water safety.

Geography:

We will be considering the importance of the oceans for life on earth. This will include key features of the oceans and how mankind has had a negative effect on this resource.

History:



We will be developing our knowledge of the Saxons by looking at one of their main rivals this half term: the Vikings. We will look at their lives, achievements and impact on the world.

Useful websites:

https://www.kids-world-travel-guide.com/north-america-facts.html

Design Technology:

We will be using the sewing skills we developed in Year 4 to design, resource and craft our own stuffed toys. The aim is to use patterns which we craft ourselves and to employ this in completing our design. Each stuffed toy is likely to be as unique as we are.

Useful websites:

https://www.youtube.com/shorts/PmNrblTSmMI

Religious Education:

Christianity

In RE, we will be looking at Christianity and how teachings and texts help us to make links between God and our everyday lives. We will be looking at learning about religious belief and then considering what this looks like in the modern world.

Useful websites:

https://www.britannica.com/topic/Christianity

Music:

South and West African Music

We will be investigating African drumming rhythms and tuned percussion to work on the musical styles of the Bantu people. We will further develop our knowledge of musical notation.

Useful websites:

https://www.britannica.com/art/African-music

PSHE:

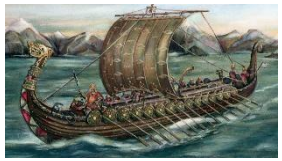
'Media literacy and digital resilience' and 'Money and Work'

This half term we will be looking at how we can develop ourselves through our digital media and money units. We will be investigating how to look after ourselves as we get older.

Useful websites:

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

Languages:



Los Vikingos

We will be reinforcing our history knowledge in our Spanish lessons this half term as we learn more about the Vikings. We will look at cultural features and key vocabulary in order to describe these amazing and sometimes gruesome people.

Useful websites:

https://www.youtube.com/watch?v=LuTnOPl4OMs

Computing:

STEM – Computer Science

The competition will be really heating up in class this half term as mixed gender teams will pit their wits against one another in a series of design challenges all aided by, recording with or reviewed on digital media. The winners will receive some great science and STEM based prizes too.

Useful websites:

https://www.stem.org.uk/