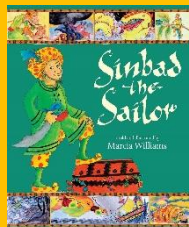


Newchurch Community Primary School - Share in our learning...Year 5 Autumn B

English:

Reading:

Sinbad the Sailor – Marcia Williams



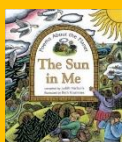
Our class text is Sinbad the Sailor by Marcia Williams. The story is the mythical tale of the famous voyager and his many adventures. The children will be creating their own **myth and legend**.

The Last Bear – Hannah Gold



The heart-warming story about a girl and her friendship with a polar bear, stranded by the melting ice caps on Bear Island, unable to return to his home and kind on Svalbard. It's a story of loss and love, of care for the environment, of courage and adventure.

Poetry:



Recognising our place in nature, our class will be focusing on the use of personification and metaphor through their poetry unit.

Writing:

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

- Use further prefixes and suffixes and understand the guidance for adding them
- In narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action
- Using relative clauses beginning with who, which, where, when, whose, that or with an implied (ie omitted) relative pronoun
- Devices to build cohesion, including adverbials of time, place and number
- Using 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 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 Read Roman numerals to 1,000 (M) and recognise years written in Roman numerals
2	Addition and Subtraction	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
3	Multiplication and Division	Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit number Multiply and divide numbers mentally, drawing upon known facts Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context
4	Multiplication and Division	Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000 Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3) Solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes
5	Fractions	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams Read and write decimal numbers as fractions [for example, $0.71 = 71/100$] Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place
6	Measurement	Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres Calculate and compare the area of rectangles (including squares), including using standard units, square centimetres (cm^2) and square metres (m^2), and estimate the area of irregular shapes
7	Properties of Shape	Identify angles at a point and 1 whole turn (total 360°) Identify angles at a point on a straight line and half a turn (total 180°) Identify other multiples of 90° Estimate and compare angles Draw and measure angles in degrees
8	Statistics	Solve comparison, sum and difference problems using information presented in a line graph Complete, read and interpret information in tables, including timetables

<https://www.mathsisfun.com/fractions-menu.html>

Science:

Our scientific studies will focus on **Forces** and how they govern the world around us. We will investigate the work of Sir Isaac Newton and how gravity, resistance and simple machines work.



We will be using our Cornerstones activities to conduct practical experiments and collect data with a range of methods, such as a forcemeter.

Useful websites

<https://www.bbc.co.uk/bitesize/topics/znmmn39>
<https://www.stem.org.uk/resources/community/collection/12696/year-5-forces>
<https://kidadl.com/articles/what-is-a-force-ks2>

Places to visit:

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



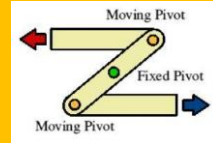
Physical Education:



We will be developing our dancing this half term, focusing on artistry, technique and teamwork.

We will also be developing and applying our dynamic balancing skills.

Design and Technology:



Our unit this half term will focus on how pulleys and levers are used. It will build on our forces work from earlier in the year and will be used to

create our own pop up and levered books.

Useful websites:

<https://nustem.uk/activity/levers-pulleys-and-gears-key-stages-1-2/>

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 will look at the physical geography of the landscape and the human aspects of life in the Alps.



Useful websites:

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

Religious Education:



Islam

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 scripture and narrative in the Islamic faith and the importance of the Qur'an, Muhammad (pbuh) and Allah for believers.

Useful websites:

<http://www.primaryhomeworkhelp.co.uk/religion/Islam.htm>
<https://kids.britannica.com/kids/article/Islam/353307>

Music:



Musical composition

We all appreciate music on different levels – it helps us relax, energise and see the world. However, creating music is a complicated challenge. This half term we will become composers and look to make our own rhythms inspired by the Hindu Holi festival of colour. It is sure to be a creative adventure!

Useful websites:

<https://www.youtube.com/watch?v=np8y3JOK9WA>

PSHE:



Anti-bullying

Including anti-bullying week, we will be looking at how to treat others with respect and how to recognise the signs of bullying.

Useful websites:

<https://www.nspcc.org.uk/what-is-child-abuse/types-of-abuse/bullying-and-cyberbullying/>

Languages:



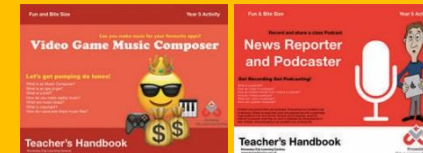
La Fetcha

This half term, we will be looking at how we can use the days of the week and numbers to say the date and link it to our learning.

Useful websites:

<https://www.bbc.co.uk/bitesize/topics/zh7wqp3/articles/zdpdg7h>

Computing:



Composing music and Podcasting

We will be looking and using music apps to meet a brief and compose a perfect piece for a computer game. We will use live loops and our own recorded sounds. We will also be looking at how to inform others through our own podcasts – telling listeners about the things we are passionate about.

Useful websites:

<https://www.commonsemmedia.org/blog/the-best-podcasts-for-kids>