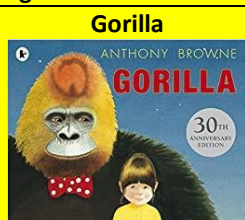


# Newchurch Community Primary School - Share in our learning...Year 4 Spring A

## English: Reading:



**Gorilla**  
Hannah loves gorillas but has never seen one. Her father's too busy to take her to the zoo – or for anything else come to that. For her birthday, Hannah asks her father for a gorilla – but is disappointed when she discovers that the gorilla she's got is just a toy one.



**The Clockwork Crow** by Catherine Fisher  
A magical, gothic Christmas fantasy about orphaned Seren Rhys, who travels to a mysterious Welsh mansion for a new life but finds it full of secrets and strange servants after the family disappears. With only a talking clockwork crow—a cursed prince needing help—and a magical snow globe as companions, Seren must solve the mystery of the missing family and a hidden fairy realm before dark forces find her.

## Writing:

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

- Expand noun phrases by the addition of modifying adjectives, nouns and prepositional phrases
- Choose nouns or pronouns appropriately for clarity and cohesion and to avoid repetition
- Use and punctuate direct speech
- Use commas after fronted adverbials

## Mathematics:

Year Four		Spring One
Week	Unit	Expectations
1	Place Value	<ul style="list-style-type: none"> <li>round any number to the nearest 10, 100 or 1,000</li> <li>solve number and practical problems that involve all of the above and with increasingly large positive numbers</li> <li>read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of 0 and place value</li> </ul>
2	Addition and subtraction	<ul style="list-style-type: none"> <li>add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> <li>estimate and use inverse operations to check answers to a calculation</li> <li>solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</li> <li>Use tenths, hundredths and thousandths when comparing values and solving addition and subtraction problems</li> </ul>
3	Multiplication and Division	<ul style="list-style-type: none"> <li>recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math></li> <li>use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers</li> <li>recognise and use factor pairs and commutativity in mental calculations</li> <li>multiply two-digit and three-digit numbers by a one-digit number using formal written layout</li> <li>Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as <math>n</math> objects are connected to <math>m</math> objects</li> </ul>
4	Fractions	<ul style="list-style-type: none"> <li>recognise and show, using diagrams, families of common equivalent fractions</li> <li>solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number</li> <li>add and subtract fractions with the same denominator</li> <li>Compare and add fractions whose denominators are all multiples of the same number</li> </ul>
5	Measurement	<ul style="list-style-type: none"> <li>read, write and convert time between analogue and digital 12- and 24-hour clocks</li> <li>solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days</li> </ul>
6	Position and Direction	<ul style="list-style-type: none"> <li>describe positions on a 2-D grid as coordinates in the first quadrant</li> <li>describe movements between positions as translations of a given unit to the left/right and up/down</li> <li>plot specified points and draw sides to complete a given polygon</li> </ul>

## Useful websites:

<https://www.topmarks.co.uk/maths-games/hit-the-button>

## Science:

Our scientific studies will focus on **Animals including humans** where we will look at different animals and begin to classify them by their characteristics. For this, we will need to use the knowledge learned from previous years about animals in their habitats and the five distinct groups: mammals, reptiles, fish, amphibians and birds.

We will begin to explore that animals can be grouped in different ways and will explore classification keys to support this discussion. Finally, we will explore how environments can change and how these changes- both natural and man-made can pose dangers to living things.



## Useful websites:

<https://www.youtube.com/watch?v=tm-Z0gCWsgI>  
<https://www.wwf.org.uk/>

### Physical Education:



This half term, we will be developing our fundamental skills of dynamic balance, walking on a line as well as looking at our coordination with ball skills. Alongside these skills we will also be developing our gymnastic skills, exploring balance and rotation with partners and apparatus.

### Religious Education:

#### Sikhism

The children will be discussing how wearing a uniform can also influence behaviour. We will revisit the origins of Guru Nanak and why he was so important to Sikhs before Investigating the symbolism of the 5Ks that are worn by members of the Sikh Khalsa. Finally, the children will reflect on their own beliefs, discussing the importance of seeing value in all people.

#### Useful websites:

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

### PSHE: Living in the wider world and belonging to a community

In this unit we will be exploring what makes a community and investigating what is meant by shared responsibilities. The children will begin with looking at what is important to them and they believe are the five top things that identify them as an individual. They will then go on to look at the importance of community and the work that people around them do which impacts on that community.



### Geography:

Pupils will be learning our rainforests and their importance in the world.

### History:

In History children will learn about Ancient Romans and how they

impacted Britain.

#### Useful websites:

<https://www.bbc.co.uk/bitesize/articles/zwkfrmn>

<https://www.bbc.co.uk/bitesize/articles/z9gkktv>



### Music:



#### Useful websites:

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

### Rock around the clock

Learning about the origin and features of rock and roll music, pupils learn how to play the Hand Jive and Rock Around the Clock, looking specifically at a walking bass line, before then performing a piece as a class



### Languages:

#### Goldilocks and the three bears.

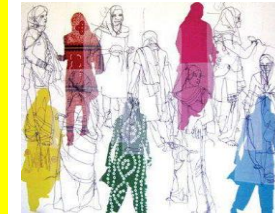
This half term we will listen more carefully so as to be able to understand a familiar fairy tale recounted in the foreign language using picture, word and phrase cards.

#### Useful websites:

<https://www.youtube.com/watch?v=X86YB-EPT1o>

### Art:

Children will learn about Rosie James and by experimenting with different fabrics, they will try to create different moods and feelings and use a range of stitches to layers these pieces of fabric together.



#### Useful websites:

<https://www.textilecurator.com/home-default/home-2-2/rosie-james/>

### Computing:

#### My Online Life

Within this half term, we will be learning about how best to portray our online reputation and what to do if we are feeling uncomfortable online. Continuing on from this, we will look at how we can protect our accounts online and who owns the content in order to protect ourselves.



#### Useful websites:

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

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