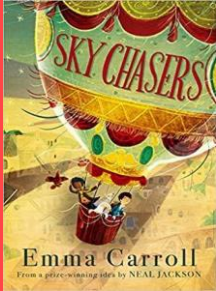


# Newchurch Community Primary School - Share in our learning...Year 6 Summer A

## English:

### Reading:

#### Sky Chasers – Emma Carroll



An encounter with a boy dangling from the sky changes pickpocket Magpie's life forever. His family, the Montgolfiers, are desperate to discover the secret of flight. Together with Pierre, Magpie is caught up in a world of inflatable bloomers, spies and unruly animals in a race to be the first to fly a hot air balloon - in front of the King and Queen of France.

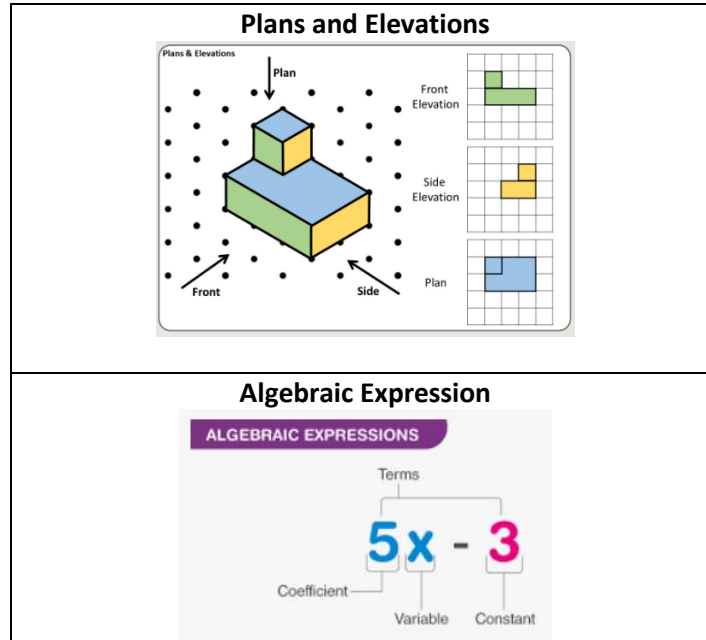
As an extended story, Year 6 will also be reading Sky Chasers as their 'Reading for Pleasure' text.

### Writing: Narrative

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

## Mathematics:

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



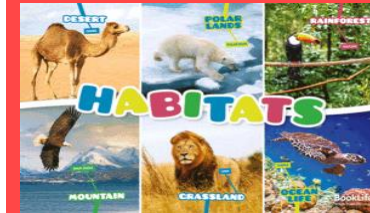
We will be looking to master a wide range of targets linked to these areas, such as:

- Generate and describe linear number sequences
- Find pairs of numbers that satisfy an equation with two unknowns
- Enumerate possibilities of combinations of two variables.
- Move beyond squared and cubed numbers to calculate problems such as  $X \times 10^n$  where n is positive

<https://www.cuemath.com/algebra/algebraic-expression/>

<https://www.bbc.co.uk/bitesize/guides/zqjhy4j/revision/10#:~:text=Plans%20and%20elevations%20are%202D,and%20elevation%20of%20a%20building.>

## Science:



Our scientific studies will continue to focus on **Living Things and their Habitats**. Pupils will build on their learning about grouping living things in Year 4 by looking at the classification system in more detail. They will be introduced to the idea that broad groupings, such as micro-organisms, plants and animals can be subdivided. Through observations, children will classify animals into commonly found invertebrates (e.g. insects, spiders, snails, worms) and vertebrates (fish, amphibians, reptiles, birds and mammals). They will discuss reasons why living things are placed in one group and not another. In addition to this, they will find out about the significance of the work of scientists such as Carl Linnaeus: a pioneer of classification.

### Useful websites

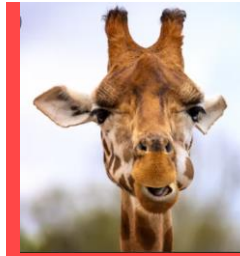
<https://www.bbc.co.uk/bitesize/topics/z6wwxnb>

<https://www.stem.org.uk/resources/community/collection/12740/year-6-all-living-things>

### Places to visit:

Chester Zoo  
Knowsley Safari Park  
Martin Mere

- Use expanded noun phrases to convey complicated information concisely
- Select appropriate grammar and vocabulary
- Integrate dialogue to convey character and advance the action
- Use a wide range of devices to build cohesion
- Recognise vocabulary and structures for formal speech and writing, including subjunctive forms
- Identify the audience and purpose for writing
- Choose the appropriate register
- • Use semi-colons, colons or dashes to mark boundaries between independent clauses



#### Physical Education:



Our final PE unit of the year is Cricket. Here, the children will be developing their hand-eye

#### Geography & History: A local study



The children will be exploring their local surroundings, and those of Warrington to explore how the town has changed over time from a historical and a geographical perspective. In order to do this, the children will:

- use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

#### Art:



**Sculpture** is the focus of our art this half term and the focus will be on the work of Barbara Hepworth - a local artist from just over the Pennines – born at the beginning of the 20<sup>th</sup> Century and specialising in modern

coordination to improve their catching, throwing and batting skills. As a team sport, the children will be working collaboratively and tactically in order to work towards the same goal. There will be a number of modified cricket games being played such as 'Kwik Cricket' and 'Diamond Cricket' which will definitely keep the children on their toes and think carefully about their decision making!

- use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world
- use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.

**Useful websites:**

<https://kids.kiddle.co/Warrington>

sculpture. The children will be critiquing her work before planning, designing and creating their very of clay model.

**Useful websites:**

<https://barbarahepworth.org.uk/>

**Religious Education:**



**Buddhism**

Continuing with our theme of journeys, the children will be exploring what Buddhists perceive as a 'Good Life', understanding the importance of Buddha and identifying the significance of the 4 Noble Truths.

**Useful websites:**

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

**Music:**



Perform rhythms confidently either on their own or in a group, the children will identify the sounds of different instruments and discuss what they sound like. They will make reasonable suggestions for which instruments can be matched to which pieces of art, recall the names of several instruments according to their orchestra sections, keep the pulse with the body percussion section and sing with control and confidence.

**PSHE:**



**Reciprocity**

Throughout this unit, the children will primarily be focusing on areas comprising physical health and mental wellbeing. As part of this, they will discuss challenging subjects such as bereavement and learn about strategies to cope with loss.

**Useful websites:**

**Languages:**



**Hobbies and Interests**

In this unit, the children will be learning key terminology linked to hobbies and interests such as: sports, gaming, crafts and the outdoors and then applying them into sentences where they can talk about hobbies they may, or may not like.

**Useful websites:**

<https://www.bbc.co.uk/bitesize/topics/zh7wqp3/articles/zw4dg7h>

**Computing:**



**Computer Science**

Coding has been a huge part of our learning this year, much to the delight of the children who have absolutely loved becoming more apt at creating their own games. This unit continues to push the boundaries of the children's learning. They will be testing and debugging programmes; writing a programme using text-based programming language and using logical reasoning to detect and correct errors in algorithms.

**Useful websites:**

<https://www.bbc.co.uk/teach/five-ways-to-help-childrens-wellbeing/zfb2d6f>



New to our PSHE curriculum this year is the 'MyHappyMind' programme. The children will learn about the importance of good mental health and learn about parts of the brain such as the amygdala, hippocampus and the prefrontal cortex. The children will be provided with strategies to promote and maintain good mental health.

<https://www.stem.org.uk/resources/community/collection/359714/ks2-algorithms>