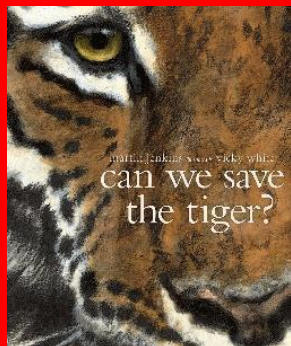


Newchurch Community Primary School - Share in our learning...Year 6 Autumn A

English:

Reading:

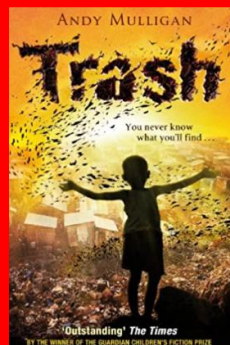
Can We Save the Tiger? – Martin Jenkins



The book fuses short choppy fact files with more in depth causal histories that explain why animals can become extinct and that it is within our power to stop these declines. This eye-catching eco-read gives a great opportunity for a sense of duty to be instilled into global caretakers of tomorrow.



Trash – Andy Mulligan



The story of three young poverty-stricken who believe their lives will change for the better when they find a wallet full of money. Little do they know they will end up embroiled in political corruption with monumental repercussions.

Poetry:

We will be looking at poetry linked to conservation and the use of figurative language for description,

Mathematics:

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

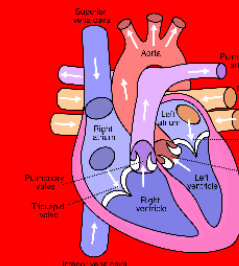
Place Value	- Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit - Use negative numbers in context, and calculate intervals across zero - Round any whole number to a required degree of accuracy and solve problems which require answers to be rounded to a specific degree of accuracy - Use $=$, $\neq$, $<$, $>$, $\leq$, $\geq$ correctly
Four operations	- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why - Solve problems involving addition, subtraction, multiplication and division - Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy. - Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication
Fractions	- Use common factors to simplify fractions; use common multiples to express fractions in the same denomination - Compare and order fractions, including fractions > 1 - Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions
Ratio and Proportion	- Solve problems involving the relative sizes of two quantities where the missing values can be found by using integer multiplication and division facts - Solve problems involving the calculation of percentages, (for example, of measures) such as 20% of 440 and the use of percentages for comparison - Solve problems involving similar shapes where the scale factor is known or can be found - Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.
Measurement	- Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate - Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation up to three decimal places - Convert between miles and kilometres
Properties of Shape	- Draw 2-D shapes using given dimensions and angles - Recognise, describe and build simple 3-D shapes, including making nets - Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons
Statistics	- interpret and construct pie charts and line graphs and use these to solve problems - calculate and interpret the mean as an average

To support your child at home please interact with our online systems, such as TTRockstars and Maths.co.uk. Login information can be found in your child's reading record.

Science:



Our scientific studies will focus on **Animals inc. Humans**. We will look at cross-curricular links with our English unit of work and build our understanding of complex ideas such as inheritance, adaptation and characteristic traits through genetics and personality. The children will focus on some key figures in scientific history who have provided ideas of evolution and observe how these ideas have been built upon over time with the help of technology.



Useful websites

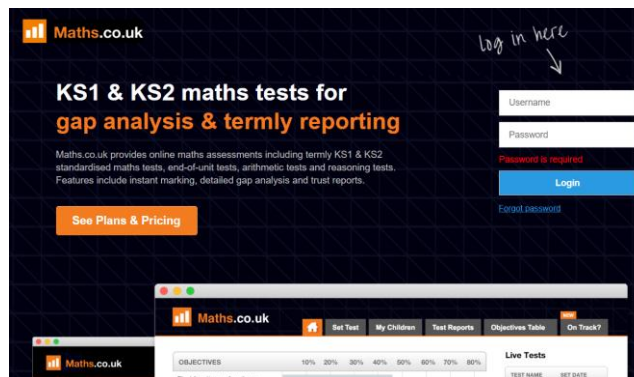
<https://www.bbc.co.uk/bitesize/topics/zvhhv/cw>
<https://www.stem.org.uk/resources/communit/collection/12648/year-6-evolution-and-inheritance>

considering authorial choices.

Writing:

We will be using our class texts and experiences, such as Arete, to focus on the following targets in our grammar and writing:

- Use dialogue to move the story forward
- Using perfect verb tense to mark relationship between time and cause
- Using relative clauses beginning with who, which, where, when, whose, that or with an implied (ie omitted) relative pronoun
- Further cohesive devices such as: grammatical connections and adverbials
- Use knowledge of morphology and etymology
- Proposing changes to vocabulary, grammar and punctuation to enhance effect and clarify meaning



Places to visit:
Warrington
Museum



<https://warringtonmuseums.org.uk/collections/>

Physical Education:

Our teamwork and knowledge of invasion games will be developed as the children work on their basketball/netball skills. Looking at fundamentals such as passing, shooting and dribbling, the children will also focus on the ABC's (agility, balance and coordination) through skill-specific lessons.



We will also be looking at transferring these skills to the football pitch, thinking about how we can apply these techniques when using our feet.



Art:



Our next unit is painting and will reflect on the work of one of Britain's greatest ever artists: Joseph Mallord William Turner. In doing so, we will be investigating the use of colour and texture within painting – how artists create specific moods and structures in their composition.

Useful websites:

www.tate.org.uk/kids/explore/who-is/who-is-william-turner

<https://www.youtube.com/watch?v=wpw6-Erh-g>

Religious Education:



Christianity

In RE, we will be looking at what journeys life can take us on and linking them to some inspirational stories of journey from the bible. Commitment will also be an important component of this unit of RE

Useful websites:

<https://www.bbc.co.uk/bitesize/guides/zd-bq6/revision/5>

Music:



Musical notation

The children will be spending a lot of time listening very intently to music from a range of genres and picking out key elements such as the pulse, rhythm and melody. From this, they will begin to compose their own piece of music and articulate the components of their notation to their peers. To enrich this, the children will also commence their gospel singing lessons with our partners from Accent Music.

Useful websites:

<https://www.youtube.com/watch?v=Lt-fYFq6uYI>

PSHE:



Exploring Relationships

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/ztqqtfr>

Languages:



Healthy Eating/comer saludable

The children will be learning key terminology for consumable items which involve both healthy and unhealthy foods. From this, they will look at building a restaurant menu and talking about what they have to eat for their breakfast, dinner and tea.

Useful websites:

<https://www.bupasalud.com/salud/como-comer-saludable>

<http://www.duolingo.com>

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.nsecc.org.uk/keeping-children-safe/online-safety/>

History:



Historical inquiry will be at the heart of our learning as we explore some of the major events of World War II and begin to consider how Warrington and its residents were affected by the events of

the War. With the town being such a strategic town due to being home to Burtonwood Airbase, its industrial output and proximity to Manchester and Liverpool, it will be a fascinating insight for the children to understand more about how we played our part in overcoming the axis powers.



Useful websites:

<http://www.rafburtonwoodheritagecentre.co.uk/>

<https://www.bbc.co.uk/history/ww2peopleswar/stories/19/a4647819.shtml>

Geography:

Geographical skills and fieldwork will be combined with developing the children's knowledge and understanding of the local environment. In order to do this, the children will:

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