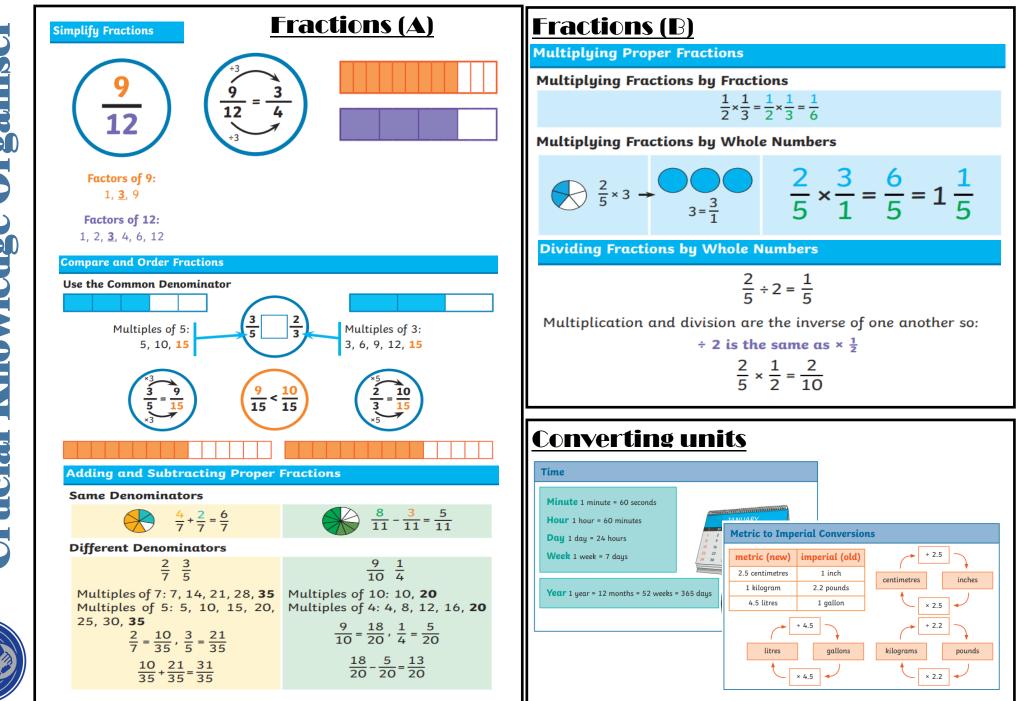
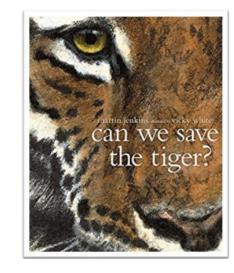
#### <u>Year 6 Maths — Autumn 2</u>





# Non-Fiction—Report (Hybrid)



#### Writing Outcome

To create a booklet based on an amazing animal (hybrid text type including information,

explanation and persuasion)

## These are the writing 'keys' which we aim to use in our Y6 writing.

8 <del></del>	Pathways to Write keys	
Gateway keys (non-negotiables/basic skills)	► Mastery keys (year group national curriculum expectations)	Feature keys (vocabulary, manipulating sentences and tense, structure)
<ul> <li>Use expanded noun phrases to convey complicated information concisely</li> <li>Apply persuasive language</li> <li>Use passive verbs</li> <li>Link ideas across paragraphs using a wider range of cohesive devices</li> <li>Use clear organisational features</li> </ul>	<ul> <li>Enhance meaning through selecting appropriate grammar and vocabulary</li> <li>Use modal verbs and adverbs to indicate degrees of possibility</li> <li>Use brackets, dashes or commas to indicate parenthesis</li> </ul>	<ul> <li>Use concise word choices</li> <li>Select language to appeal to the reader</li> <li>Clarify technical vocabulary</li> <li>Adapt formality to suit purpose and audience</li> <li>Provide well-developed factual information for the reader</li> <li>Manipulate style for specific purpose and audience (hybrid text)</li> <li>Include a summarising statement</li> </ul>

#### Year 6 English — Autumn 2—Can we save the tiger?

- Preposition, conjunctions and adverbs to express time, place and cause.
- Expanded noun phrases, to describe nouns.
- Fronted adverbials, to begin sentences in a descriptive way, telling us how, when or where
- Modal verbs and adverbs to indicate degrees of possibility certainly, definitely, maybe, surely, clearly, obviously, perhaps, probably and undoubtedly
- Parenthesis is a word, phrase or sentence that is put in writing as extra information or an afterthought. It can be shown using brackets, dashes or commas.

Barack Obama (who was born in 1961) is a former President of the USA.

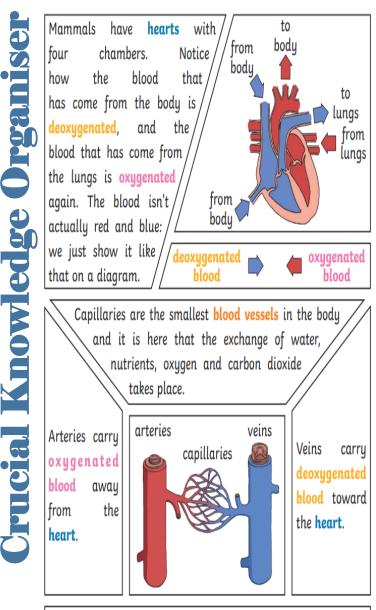
Albert the alien, who was feeling hungry, went for his lunch break.

Make sure you tune the strings—something you should do daily- before you play.



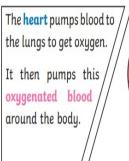
## **Animals including Humans**

# Year 6 Science: Autumn 2

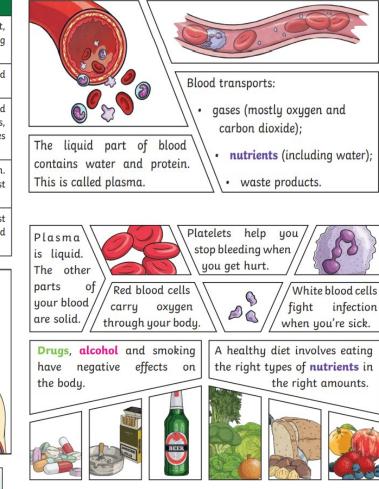


If you linked up all of the body's blood vessels, including arteries, capillaries, and veins, they would measure over 60,000 miles.

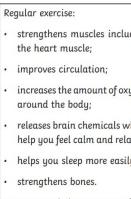
Key Vocabulary		
circulatory system	A system which includes the heart, veins, arteries and blood transporting substances around the body.	
heart	An organ which constantly pumps blood around the <b>circulatory system</b> .	
blood vessels	The tube-like structures that carry blood through the tissues and organs. Veins, arteries and capillaries are the three types of blood vessels.	
oxygenated blood	Oxygenated blood has more oxygen. It is pumped from the heart to the rest of the body.	
deoxygenated blood	<b>Deoxygenated blood</b> is blood where most of the oxygen has already been transferred to the rest of the body.	



- strengthens muscles including the heart muscle;
- increases the amount of oxygen around the body;
- releases brain chemicals which help you feel calm and relaxed;
- helps you sleep more easily;
- It can even help to stop us from getting ill.

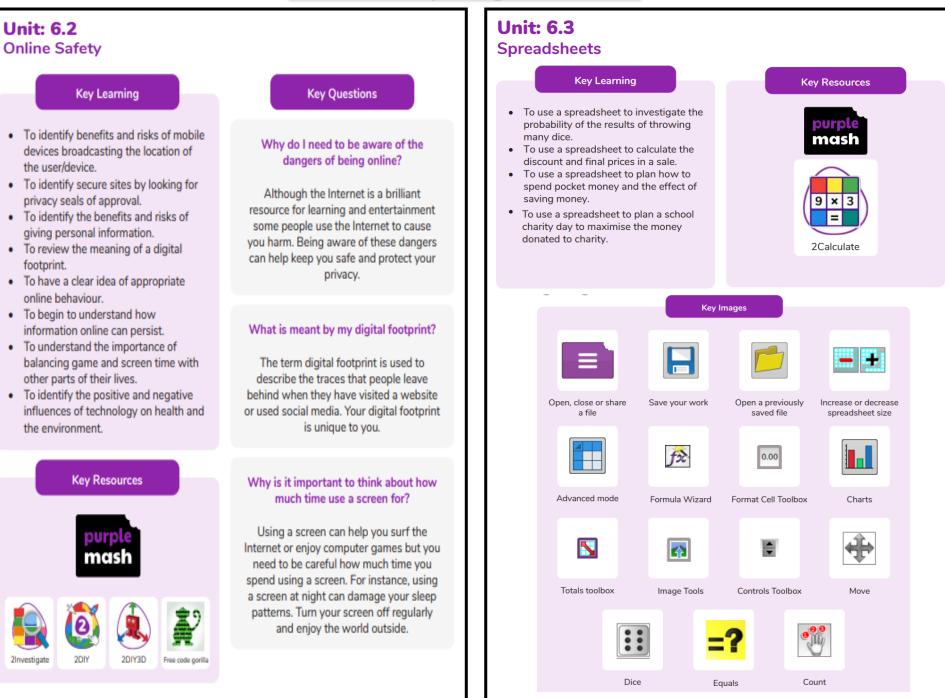


Key Vocabulary		
drug	A substance containing natural or man-made chemicals that has an effect on your body when it enters your system.	
alcohol	A <b>drug</b> produced from grains, fruits or vegetables when they are put through a process called fermentation.	
nutrients	Substances that animals need to stay alive and healthy.	





#### Year 6 Computing: Autumn 2



# <u>Crime and Punishment</u>

### <u>Year 6 History — Autumn 2</u>

# Ð Č. Ican Cia

era

#### <u>Chronological</u> <u>Understanding</u>

Children will learn;

•To summarise what they know about different British time periods.

•The theme of crime and punishment and how it evolved in Britain chronologically.

•To use extracts from historical fiction

to identify and explore aspects of

crime and punishment in that

**Historical Enquiry** 

Children will learn;





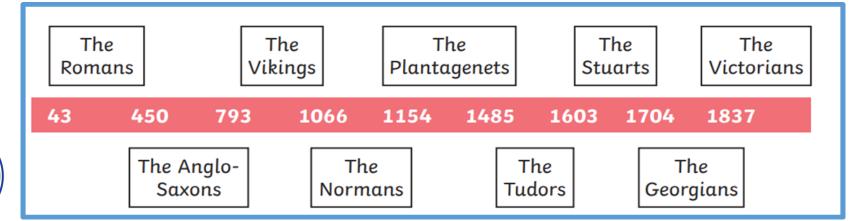
#### Historical Understanding

Children will learn;

•sort cards with different crimes, detections and punishments into different time periods, based on their understanding of the past.

•Children will look at the features and changes in crime and punishment in Britain in the Roman, Anglo-Saxon, Viking, medieval, Tudor, early modern period, Victorian and the modern day.

•Children look at how aspects of crime and punishment changed and evolved in Britain since the Roman period.





## <u>Year 6 Design and Technology — Autumn 2</u>

### Programming Pioneers

- I can explain how computers and computer programs are used in a variety of products (washing machines and traffic lights).
- I can explain how modern memory chips work to store information (setting switches in or off positions).
- I know what a computer engineer is and what they do.
- I can describe some examples of how computer hardware and software specialists work together to create new products (Alan Turing—computers with German messages for military commanders during WW2).
- I can describe the typical design process for computercontrolled electronic products.

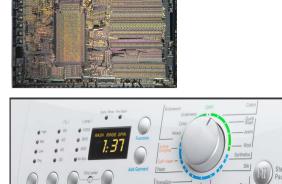




# Evaluate

- I can evaluate my design for a computer-controlled system and consider the views of others to improve my work.
- I can suggest ways to change an algorithm to improve a system.





# Make

- I can write an algorithm to suggest how various appliances might work.
- I can develop and build a prototype pedestrian crossing using computer programming.
- I can develop, model and communicate ideas for an embedded system which monitors and controls a door, room or both.
- I can debug errors in an algorithm.
- I can select and use electronic components to construct a prototype of an embedded computer-controlled room system.

What have we learned about monitoring and controlling products using computers?

What have we learned about debugging and improving our designs?



**Organiser** 

Knowledge

rucial