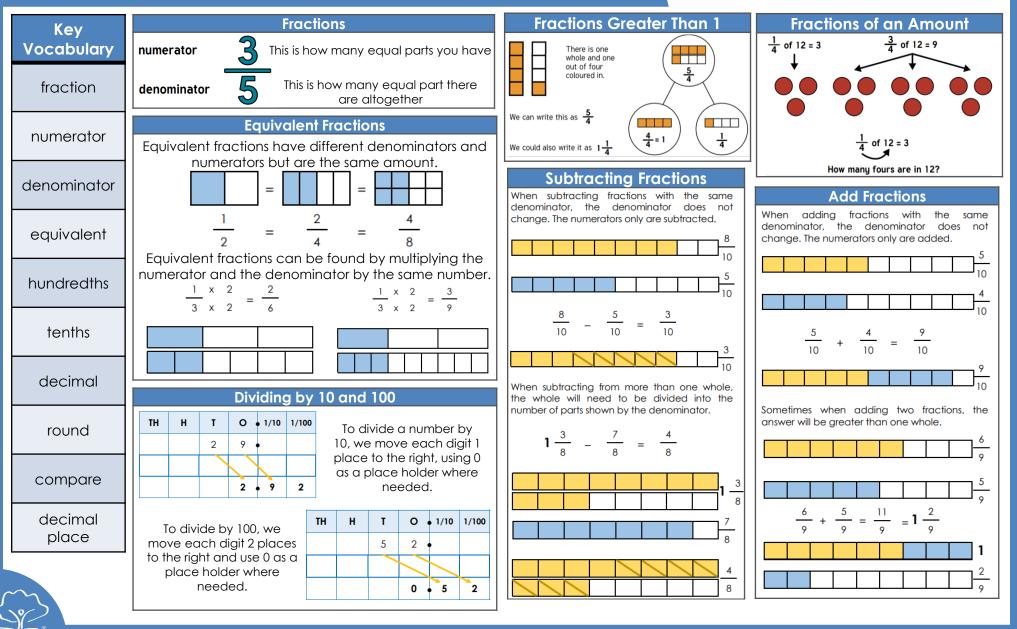
Year 4 Maths Knowledge Organiser - Spring 2



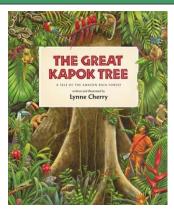
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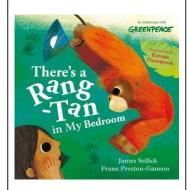
Year 4 English Knowledge Organiser - Spring 2



Core Texts



The Great Kapok Tree Lynne Cherry



There's a Rang-Tan in My Bedroom James Sellick Frann Preston-Gannon

Features of a Narrative

- Fronted adverbials, often demarcated with commas, give the reader detail (about when, where or how an action took place), and add variety to the start of sentences.
- Different sentence forms
 (statements, questions, commands, exclamations) and structures
 (simple, multi-clause) are used to express different purposes and to create variety for the reader.
- **Inverted commas** and the related punctuation rules indicate direct speech.
- Specific detail is added to nouns using precise adjectives, nouns and preposition phrases to provide clarity and to create vivid images for the reader.
- Time, place and cause are expressed using conjunctions, adverbs and prepositions to guide the reader through the text and create cohesion.

Features of a Persuasive Text

Persuasion can come in many different forms and text types (e.g. *letters, leaflets, posters, speeches, adverts, brochures*).

Persuasive texts are designed to convince someone of a particular way of thinking. A range of specific techniques and devices are used in persuasive speech and writing:

Rhetorical questions are used to get the reader thinking about the part they can play in the issue in question. **Repetition** (e.g. 'day after day after day'), **alliteration**, and the '**power of 3'** (e.g. 'reduce, reuse, recycle') can be used to emphasise key points.

Facts and figures are used to back up and validate the key points being made.

Exaggeration can be used to shock or impress the reader (e.g. the best/worst in the world).

The reader is often **directly addressed** to make them consider their own actions/ the personal impact they can have. Imperative verbs demand that the reader takes action (e.g. Do it now! / Stop this!).

Emotive language and images are used to 'tug on the reader's heartstrings'.

Flattery can be used to get the reader onside (e.g. someone as intelligent as yourself can surely see....).

Year 4 Science Knowledge Organiser - Spring 2



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	K	Key Vocabulary What is Sound?		Sound?	Changing Sounds
	absorbs	when a material or object "takes in" the sound wave, it has absorbed the sound	• Sounds are made when objects vibrate . These vibrations cause the air particles surrounding them to vibrate, causing the vibrations to pass		• Volume is how loud or quiet a sound is. The volume depends on the size of the vibrations. The
	high- pitched	examples of sounds that are high-pitched include a whistle, scream and mouse squeak	and the detector detector transmitted from the sou		and a rumble of thunder is low pitched. The pitch depends on the speed of the vibrations. The
	low-pitched	examples of sounds that are low-pitched include the sound of thunder and a bass drum		urce in all directions.	
	medium	something that is made of particles. Solids, gases and liquids are all mediums	Sounds get fainter as the distance from the source increases. Vibrations The Structure of the		faster the vibration, the higher the pitch. of the Ear and How We Hear
	pitch	how high or low a sound is. A mouse squeak is a high pitch sound.		1. Vibrating air enters our ear canal.	3. These vibrations are passed onto the ear bones
	transmit	to send something from one place to another	solidliquidgasThe vibrations caused by the sound can travel through the air (gas) but can also travel through liquids and solids.	Outer Ear Mid 2. This causes our ear drum to vibrate.	A. The ear bones pass the vibrations onto the fluid in the cochlea, which passes impulses to our brain to be interpreted.
	vibrate	to move back and forth very quickly			
\	volume	how loud or quiet a sound is. Shouting is a loud sound and whispering is a quiet sound			

Year 4 Geography Knowledge Organiser - Spring 2



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Кеу	Vocabulary	Tropical Rainforests		
biodiversity	the variety of living things in a given	• Rainforests are found in areas with a climate that has high precipitation. Tropical rainforests have a wet and hot climate due to global atmospheric circulation.		
biome	place. ecosystems on a global scale	 Tropical rainforests and they are home to more than half the world's total plant and animal species. Tropical rainforests provide a habitat for many species. At a global level, they absorb carbon dioxide and release oxygen which helps keep the planet healthy. Many medicines we use today had their origins in the rainforests. At a local level, indigenous tribes like the Kayapo people rely on the rainforest for food and medicines. Deforestation of the tropical rainforests is making way for agriculture, logging and mining. The United Nations COP26 introduced changes at a global scale that are aimed to protect 		
COP26	a meeting between 200 countries, held in November 2021, to discuss how to improve the Earth's environment			
deforestation	the action of chopping down trees to clear a wide area.	rainforests around the world. The structure of the tropical rainforest Locations of tropical rainforests		
habitat	a place where an organism lives.	• Emergent layer -A layer of tall trees that stick out the top of the		
logging	the business of cutting down trees for wood.	tropical rainforest. Canopy layer Canopy layer		
tropics	the area between the tropic of Cancer and tropic of Capricorn.	 Winderstory Layer Understory Layer Advised to the state of the state of the equator in South America, Central Africa, South East Asia and Northern 		
		Forest floor ground level. Not much light reaches this Australia.		

much light reaches this

layer so it is very dark.

• The world's largest tropical rainforest (the Amazon) is found in South America.