

Year 6 Curriculum Overview Term 2.2

## Teaching Team: Miss Fowler, Miss Akhtar and Mrs Hickman SLT: Mr J Aldred

PE (Physical Education) Days: Monday

Homework: Every Tuesday and Friday

Please see below an overview of the main themes, knowledge and skills we will be covering this half term.

Enquiry Question	How are the ice caps damaged by environmental change?		
Significant People	Robert Falcon Scott, Ernest Shackleton, Roald Amundsen, Harpreet Chandi, Matthew Henson.		
Class Texts	<text></text>		
Reading	<ul> <li>Reading domain:</li> <li>2d make inferences from the text / explain and justify inferences with evidence from the text.</li> <li>2g identify / explain how meaning is enhanced through choice of words and phrases.</li> <li>Test techniques:</li> <li>This half term, year 6 pupils will be developing their inferential skills and the impact of selected vocabulary upon the reader.</li> <li>As we progress through the term children will</li> </ul>		

	be exposed to a range of different texts and use the PEE method (point, evidence and explain) to structure their responses using evidence from the text to justify and support their response. Children will know how to find and copy words from various texts, using their prior knowledge as well as what they have read.
Writing	This half term pupils will explore character descriptions – the purpose, audience, and features. They will then use their knowledge to compose their own character descriptions, making sure to use figurative language, cohesive devices, parenthesis, and a variety of punctuation.
Maths	To begin this half term, pupils will consolidate their mathematical skills and knowledge from previous terms and will deepen their knowledge on fractions, decimals, and percentages – fluency, reasoning and problem solving. They will then move on to learning about ratio, the properties of shape and the position and movement of shapes in Geometry.
History	Pupils will continue to explore the Titanic, the causes and significance of the tragedy.
Geography	Pupils will begin to explain how climate change affects climate zones and biomes across the world. They will learn about natural resources in the Arctic which include oil, gas, metals, minerals, fish, wood and freshwater, combinations of these natural resources can be found in every country in the Arctic Circle and under the Arctic Ocean and the distribution of and access to natural

	resources, cultural influences and economic activity are significant factors in community life in a settlement.
Science	Children will learn about the principles of classification and create their own keys to classify each other. Pupils will learn that we can group living and non-living things by their observable characteristics and create classification keys that help us with identification.
Mandarin	Children will be learning about these topics, this half term: • My friends • Describing people • Body parts • Colours
Art	This half term pupils will continue exploring Inuit art and learn that Inuits have been expert carvers for thousands of years. They carve art objects from materials such as bone, ivory, and wood. Birds, bears and other land animals are the common artistic subject matter. Children will create a 3-D form using malleable materials in the style of a significant artist, architect, or designer.
Music	This unit of work builds on the improvisation skills learnt in Classroom Jazz 1. Using two new pieces, Bacharach Anorak and Meet the Blues, the pupils will learn to play the pieces and then explore improvising with the repertoire.
PSHE	Pupils will learn about what a digital footprint is and the negative impact this can have on people. Children will also recap on how to keep safe online.

Computing	Children will apply the concept of variables to enhance an existing game in Scratch. They will predict the outcome of changing the same change score block in various parts of a program, then they will test their predictions in Scratch. Pupils will also experiment with using different values in variables, and with using a variable elsewhere in a program
RE	Children will be learning about the disposition
(Religious	of responding to suffering understanding
Education)	religious traditions and non-religious world views.
PE	Fitness: Pupils will take part in a range of fitness challenges to test, monitor and record their data. They will learn different components of fitness including speed, stamina, strength, coordination, balance, and agility. Pupils will be given opportunities to work at their maximum and improve their fitness levels. They will need to persevere when they get tired or when they find a challenge hard and are encouraged to support others to do the same. Pupils are asked to recognise areas in which they make the most improvement using the data they have collected.

## Knowledge Organiser:

## Reading

## Book Knowledge Organiser – The Wolf Wilder by Katherine Rundell

## Important Information

<u>Plot</u> Fer and her mather, Marina, live alone in the snowhound woods of Russia. They are wolf wilders (people who teach tamed wolves to live in the wild). When an infamous Russian general arrests Marina, Fer sets off on a quest to save her. With the help of her trusted wolves and a runaway Russian soldier, Fer travels across the frozen landscape and is swept up in the beginnings of a revolution

Themes

• braveny and resilience • family • friendship • nature vs humanity

Setting: In the beginning, their cosy, wooden house is a sanctuary that protects them from the bitter Russian cold. Both mother and daughter lovingly built the house and made it homely. The sanctuary is disrupted by the Russian soldiers who make sure that Feo and her mother can never go back there. The woods are dense with trees and everything is covered with snow. In the woods, Feo roams free and wilds wolves. She also meets liga out amongst the trees. Foo's knowledge of the woods is useful when it comes to fleeing from the Russian army.

Characters.



peace disrupted?

Name of Book: The Woy Wilder Date Published: 2020 Author: Katherine Runde Genre: Fiction

# ourselves into what it is li in these frozen climates, the types of animals that live there and how living thing survive living in such a habitat.

**Link to Enquiry** The cold climate is the foc point of this book and allows us to immerse

For At the start of the book, Feo is a wild character who is only close to her mother and the workes she has beginneded. As the book progresses, she must work with humans to rescue her mother and use her bravery to fight for herself and others. Ilya: Ilya is a soldier who does not believe in the Tsar's regime. He has drams and a talent that he would much rather pursue. He becomes a reliable friend and farce supporter of Feo, and even learns to trusk her workes. Alexie: Alexies is a revolutionary agaitator who wants to use Feo to inspire others. He is a strong, inspiring character who is admired by Feo and Ilya. Rabor Rakov is a Russian army general who wants to cush the revolution and destroy wolves and wolf wilders alike. He is a source of much fear in the book and an intimidating adversary.

Story Type: Fairy Tale A fairy tale is a traditio elements. Some readers A fair to be a traditional story for children that often involves magic, imaginary creatures, royalty and fantasy elements. Some readers have also drawn parallels with Little Red Riding Hood. In both, a red-caped girl ventures into the woods. However, in The Wolf Wilder, Feo sees wolves as companions, rather than creatures to be conquered or leared

	Key Vocabulary			
Imprisonment	Putting someone in prison			
Aristocrat A member of a rich and powerful family				
Insidious	Intended to deceive or entrap; sly, treacherous			
ragged Old and tom				
merchant a person or company involved in wholesale trade, especially one dealing with foreign countries				
Decay Rot or decompose				
whimpering	pering. Making a series of low, feeble sounds expressive of fear, pain unhappiness			
malnourished	<b>tehed</b> Being supplied with less than the minimum or an unbalanced amount of the nutrients or food essential for growth and health			
Injustice	tice Lack of fairness			
Wincing Give a slight involuntary grimace or shrinking movement of t body out of pain or distress				
agitator	A person who urges others to protest or rebel			

Key Questions/Reflection Points The novel introduces Feo, her mother and their peaceful home. How and why is the

peace disrupted? Why do you think For and Marina are wolf wilders? Think about the different risks they are taking by engaging in this practice. Do you think the risks are worth it? Why/why, not? What impression are we given of the rich people who keep wolves as pets? For, Tupa and the wolves encounter Rakov and he commits a terrible act. How do Feo's skills help them to survive? Alexei wants For to join his cause. Do you think For should help him and why? The children prepare to execute their plan. What difficulties do you think they will encounter?

The children prepare to execute their plan. What dypiculties do you think they will encounter? The children trick their way into St Petersberg, rallying others to join them. What do you think about the ending of the book? What might the people of Russia do next?

## Writing

SpellingsI need to know some of these:			Punctuation Reminders:		Writing Mat Working towards Year 6		
accommodate	correspond	hindrance	recognise		Capital letters for		
accompany	criticise	individual	recommend	A	sentences, initials and proper nouns.	Active and Passive	Use a mixture of
according	curiosity	interfere	relevant		Full stops	Use active and passive	simple, compound
achieve	definite	interrupt	restaurant	1	Exclamation marks for exclamations or surprise.	sentences appropriately: Active: In front of millions of	and multi-clause sentences.
aggressive	desperate	language	rhyme	?	Question marks	screaming fans, the star striker	Use a thesaurus
amateur	determined	leisure	rhythm		Apostrophes for possession	missed a vital penalty.	to up-level your
ancient	develop	lightning	sacrifice		and missing letters.	<b>Passive:</b> In front of millions of screaming fans, a vital penalty	vocabulary choices.
apparent	dictionary	marvellous	secretary		Commas in lists, and to mark parenthesis, fronted	was missed by the star striker.	It's All Relative!
appreciate	embarrass	mischievous	shoulder		adverbials and clauses. Ellipsis to show a long	Important Links!	Use a relative pronoun
attached	environment	muscle	sincere		pause for tension.	Link your sentences and	to add a relative clause.
available	equip(-ped)	necessary	sincerely		Inverted commas for speech (Don't forget the commas	paragraphs using adverbials:	who, which, where, when, whose, that The Queen, who has
average	equipment	neighbour	soldier		too!).	Time	
awkward	especially	nuisance	stomach	-	Hyphen to connect words together.	Subsequently, Later that day,	reigned for 60 years,
bargain	exaggerate	оссиру	sufficient		Dashes to show longer	Finally, <b>Place</b>	has four children
bruise	excellent	occur	suggest	-	pauses or parenthesis.	Deep inside the forest, Below	ga
category	existence	opportunity	symbol	() Brackets for parenthesis.		the sea,	is the jood chain.
committee	explanation	parliament	system	Splendid Subordination! Use these conjunctions in varied places in your multi-clause sentences: 0 if because as		Frequency	The stench was so
communicate	familiar	physical	temperature			Occasionally, Often,	putrid that it made
community	foreign	prejudice	thorough			Contrast/ Cause	her eyes water. They had ventured
competition	forty	privilege	twelfth			On the other hand, In contrast,	deep into the forest
conscience	frequently	profession	variety	bef	,	As a result, Consequently, Manner/ Behaviour	where they began to feel uneasy.
conscious	government	programme	vegetable		nless since when	Breathing heavily, Waiting	
controversy	guarantee	pronunciation	vehicle		n you use a subordinate use in different places in	anxiously, Without warning,	twinkl
convenience	harass	queue	yacht	your sentences?		Suspecting the worst,	visit twinkLcom

Important Links!	Be a	Punctuation Professional:	🔤 Writing Mat			Spellings I need to know all of these:		
Link your sentences and		Capital letters for		-	accomm	odate correspond	l hindrance	recognise
paragraphs using adverbials:	Α	sentences, initials and	Expe	cted Year 6	accompo	iny criticise	individual	recommend
Time		proper nouns.			accordin	g curiosity	interfere	relevant
		Full stops				definite	interrupt	restaurant
Subsequently, Later that day,	1	Exclamation marks for exclamations or surprise.				ve desperate	language d leisure	rhyme rhythm
Place	?	Question marks		e extra information and asides:	amateur ancient	develop	lightning	sacrifice
Deep inside the forest, Below	<u> </u>	Apostrophes for possession		b of Tutankhamen (the Ancient	apparent	t dictionary	marvellous	secretary
the sea,	'	and missing letters.	Egyptia	n pharaoh) was discovered by Howard Carter.	apprecia	te embarrass	mischievous	shoulder
Frequency		Commas in lists, and	The advan		attached	environme	nt muscle	sincere
Occasionally, Often,	'	sentences.	The advancing alien, who was speaking a Martian language, looked dangerous. The daffodils – my favourite sign of spring – swayed gently in the woodland breeze.		available	equip(-ped	) necessary	sincerely
Contrast/ Cause		Ellipsis to show a long			average	equipment	neighbour	soldier
		pause for tension.			awkwar	d especially	nuisance	stomach
On the other hand, In contrast.		Inverted commas for speech (Don't forget the commas			bargain	exaggerate	оссиру	sufficient
,		too!).			bruise	excellent	occur	suggest
As a result, Consequently,		Hyphen to connect words	Use a t	hesaurus to look for more	category	existence	opportunity	symbol
Manner/ Behaviour	<u> </u>	together.	ambitious synonyms. Why use 'frightened' when you could use		committ	ee explanatio	n parliament	system
Breathing heavily, Waiting		Dashes to show longer pauses or parenthesis.			commun	icate familiar	physical	temperature
anxiously, Without warning,		1	startled	startled alarmed apprehensive		ity foreign	prejudice	thorough
	()	Brackets for extra information or asides.	Or 'sho	ow' a character's feelings:	competit		privilege	twelfth
Creating Cohesion Top		Colon to separate clauses.	his breat	thing quickened her heart	conscien	7.1		variety
Tip: Not only can you	:	ooton to separate etaaoos		raced	consciou	- <u>j</u>		vegetable
use pronouns like he,		Semi colons to separate	sweat	trickled gasping for air	controve	5 5	pronunciation	
she, it or they instead	,	clauses.			convenie	nce harass	queue	yacht
of repeating a name or names but how about		Active and Passive		Check for:		· ·	did Subordin	
other names or titles too? Here's some examples: the	Use a	ctive and passive sentences app	propriately:	<ul> <li>cohesive lin</li> <li>consistent tense</li> </ul>			njunctions in va multi-clause sen	
teacher, she, Mrs Smith,	Activ	e: In front of millions of screa	ming fans,	and person • genre featu	ıres	if	because	as
the lovely woman or the		he star striker missed a vital p				1 '	after	unti
lady with the long hair.						since	when	
	a viti	al penalty was missed by the s					01100	

## Writing Mat Greater Depth Year 6

Spellings I need to know all of these:					
accommodate	correspond	hindrance	recognise		
accompany	criticise	individual	recommend		
according	curiosity	interfere	relevant		
achieve	definite	interrupt	restaurant		
aggressive	desperate	language	rhyme		
amateur	determined	leisure	rhythm		
ancient	develop	lightning	sacrifice		
apparent	dictionary	marvellous	secretary		
appreciate	embarrass	mischievous	shoulder		
attached	environment	muscle	sincere		
available	equip(-ped)	necessary	sincerely		
average	equipment	neighbour	soldier		
awkward	especially	nuisance	stomach		
bargain	exaggerate	оссиру	sufficient		
bruise	excellent	occur	suggest		
category	existence	opportunity	symbol		
committee	explanation	parliament	system		
communicate	familiar	physical	temperature		
community	foreign	prejudice	thorough		
competition	forty	privilege	twelfth		
conscience	frequently	profession	variety		
conscious	government	programme	vegetable		
controversy	guarantee	pronunciation	vehicle		
convenience	harass	queue	yacht		
Punctuation Reminders:					
Α. !	?',	""()…	.   :   ;   -		

Use a full range of punctuation.

## Check for: • consistent tense and person • subject/verb agreement • paragraphs with cohesive links • genre features • layout devices • pronouns/ nouns for cohesion

## Active and Passive

Use active and passive sentences appropriately: Active: In front of

millions of screaming fans, the star striker missed a vital penalty. **Passive:** In front of

millions of screaming fans, a vital penalty was missed by the star striker.

## Create a Mood!

Where appropriate, in formal writing, use the subjunctive mood:

If I were The Queen, .. Were there to be a change in my circumstances...

Splendid Subordination!					
Use these conjunctions in varied places in your multi-clause sentences:					
if	because	as			
before	after	until			
unless since who					
Use a thesaurus to look for more ambitious synonyms. Why use 'frightened' when you could use					

startled alarmed apprehensive Or 'show' a character's feelings: his breathing quickened her heart raced sweat trickled gasping for air

## Perfect Parenthesis!

Use brackets, commas or dashes to punctuate extra information and asides:

> The tomb of Tutankhamen (the Ancient Egyptian pharaoh) was discovered by Howard Carter.

The advancing alien, who was speaking a Martian language, looked dangerous.

The daffodils – my favourite sign of spring – swayed gently in the woodland breeze.

## Be a Punctuation Professional!

Use semi colons, colons and dashes to mark independent clauses:

It felt like forever- the longest six weeks holiday of all time.

Jack's eyes slowly opened; there was no one to be seen.

They all knew his secret: he was a specialist secret agent.

## Important Links!

Link your sentences and paragraphs using adverbials:

**Time** Subsequently, Later that day,

**Place** Deep inside the forest, Below the sea,

> **Frequency** Occasionally, Often,

Contrast/ Cause

On the other hand, In contrast, As a result, Consequently,

Manner/ Behaviour

Breathing heavily, Waiting anxiously, Without warning,

## History

History

Enquiry Question How are ice caps damaged by environmental change?

### Polar discovery

Due to the barsh and inhospitable conditions, the polar regions were the last places on Earth to be explored. During the golden age of polar exploration, between 1898 and 1916, explorers searched for the Northwest Passage in the Arctic and raced to reach the South Pole in Antarctica. Three famous polar explarers were Robert Falcon Scott, Roald Amundsen and Ernest Shackleton.

### Robert Falcon Scott

Robert Falcon Scott (1868-1912) was a British explorer who led two expeditions to the Antarctic. His second expedition turned into a race to the South Pole that Scott's team lost, losing their lives in the attempt.

### Roald Amundsen

Roald Amundsen (1872–1928) was a Norwegian explorer. He was the first to discov er the Northwest Passage in the Arctic that ipined the Atlantic Ocean to the Pacific Ocean in 1911 he led a successful excedition to be the first to reach the South Pole. beating Scott's team.

### est Shackleton

Ernest Shackleton (1874-1922) was a British explorer who led an excedition to attempt to walk across Antarctica, However, his ship became stuck in sea ice and sank. Shackleton and his men managed to survive for 18 months before making their way to safety.













Changing Arctic Ocean sea ice level

### Key Vocabulary

Inhospitable: An environment that is harsh and difficult to live in Exploration: The action of exploring an unfamiliar area.

Northwest Passage: The Northwest Passage (NWP) is the sea route between the Atlantic and Pacific oceans through the Arctic Ocean Survey: A survey is a list of questions aimed for extracting specific data from a particular group of people or about a particular subject



### Melting Ice Caps

Surveying the Arctic Ocean sea ice cover is one of many ways that helps experts to understand how ice cover is changing. Satellites photograph vast areas of ice, and mapping the results helps to <u>analyse</u> how the ice is changing.

Scientists measure the thickness of the ice. They drill into the ice to collect the data. Submarines also contribute to the collection of data.

In 1999 and in subsequent years, a detailed British survey has been taken to assess the level of change in sea ice over the Arctic. The results suggest that by 2040 the Arctic Ocean's sea ice cover may disappear during the late summertime.

### Ernest Shackleton

Ernest Shackleton was an explorer who travelled to the Antarctic. In 1914 he began his third expedition, the Imperial Trans-Antarctic Expedition' sailing on Endurance. His ship became stuck in sea ice, eventually sinking in 1915. In 1916, the teamwere rescued, with not a single member having set foot on



Key Vocabulary

Endurance: A three-masted wooden vessel in which Sir Ernest Shackleton sailed for the Antarctic on the 1914 Imperial Trans-Antarctic Expedition

Explorer: A person who explores a new or unfamiliar place

Navigate: To move through a particular course in an unfamiliar area Antarctica: The continent surrounding the South Pole: almost entirely covered by an ice sheet

Equator: The imaginary east-west line endiroling the Earth

midway between the North and South poles.

Southern Hemisphere: The half sphere of Earth which is

South of the equator

Pack be: A large area of ice floating in the sea, formed by smaller pieces freezing together

Expedition: A journey undertaken by a group of people

15th April, the Titanic began to sink. Although the crew sent distress signals, none of the ships who responded were able to reach the Titanic before she sank. It is estimated that 1500 people were killed and only 700 survived.

Life on board Titanic depended on who you were and how much money you had...

First class: the wealthiest people travelled in first class. They slept in private, spacious suites and enjoyed delicious food in an elaborate dining room. They had access to lots of facilities, like cafes, a swimming pool, squash courts, barber shop and a reading and writing room.

The RMS Titanic sank on 15th April 1912. Four days after leaving Southampton, UK and just 300 miles from its destination of New York, USA, the lookout crew spotted an iceber

in the Titanic's path. The ship collided with the iceberg, damaging its hull. At 2:20am on

Second class: not too shabby, either, second class accommodation consisted of cabins with two or fourbeds and a sofa, storage facilities, a sink and a mirror. Second class pas

sengers could also enjoy an outdoor promenade, relaxation room, library and dining room.

Third class: the third class facilities were much more basic, but they were still far better than those on other boats at that time. Located at the bottom of the ship, cabins sleat up to ten people and each had a sink and mirror. There was also a dining



Titanio

2011







## Science

## Evolution & Inheritance | Living things & their habitats

Organism: an individual animal, plant or single-celled life lorm

Theory: A system of ideas intended to explain something Taxonomy: Classification of living things (as plants and animals) using a system that is usually based on natural

relationships.

Characteristics: Special qualities or appearances that make an individual or group of things different to others. Classify: To sort things into different groups. Biomes: A large naturally occurring community of flora and

fana occupying a major habitat, e.g. forest or tundra. Climate: The weather conditions prevailing in an area in general or over a long period.

Ecosystems: A community of plants and animals and their on-living environment

## Biomes and Habitats

Biomes are ways to categorise the Earth's surface. These categories are based on climate patterns, soil types and the animals and plants that inhabit an area

## The Tundra

The coldest of all biomes with very little rain or snow. Winters are long and summers are short. Part of the soil is frozen all year round, although the top part defrosts in summer and plants such as mosses can grow.





- Carolus Linnaeus was a Swedish naturalist. He created two scientific systems: the system for classifying plants and animals and the system for naming all living things. His scientific process involved observing, recording the information and making conclusions.
- He divided animals into seven classes: 1. mammals, 2. Birds,

3.amphibians, 4. Fish, 5. Insects, 6. Worms gave each organism a two part Latin scientific name and used hierarchy, Who was he? Why was his work so important in the which showed how important each

animal was classification of living things? The system could be used across the whole world. Humans are homo

sapiens; a house cat would be felus catus

## Adaptation

,	Adaptations an develop to suit		ures that plants and animals ere they live		
	Living thing	Habitat	Adaptive Traits		
	Polar Bear	Arctic	Its white fur enables it to camouflage in the snow.		
	Camel	Desert	It has wide feet to make it easier		
	~ ~	1 of 1	to walk in the san <mark>d.</mark>		



Chordates Kingdon





## Geography

Arctic Region

## The Polar Regions

The earth has two polar regions: the Artic Circle in the Northern Hemisphere and the Antarctic Circle in the Southern Hernisphere. Polar regions have long cold, winters and temperatures mostlybelow freezing. The weather can be very windy with little precipitation.

Much of the polar regions is covered with snow and ice all year round. Polar landscape features include glaciers,

Glaciers are slow-moving masses of flowing ice, formed

by the compaction of snow. They can vary in depth from

ce fields are large areas of connected glaciers covering

flat areas, such as valleys and high plateaus. They are

cebergs are chunks of ice that calve, or break off, from

glaciers and ice sheets and float in the sea. Wind and

vatererode icebergs into — sculptural shapes.

made from compressed and frozen snow

## Polar landscapes

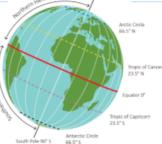
ice fields and icebergs.

**Glacier** 

ice field

liceberg:

50m to 1500m



The Arctic region consists of the Arctic Ocean and the northern parts of Canada, Alaska, Russia, Finland, Sweden, Norway, Greenland and Iceland, Winter temperatures can reach -55°C and summer temperatures. can reach 10°C. The Arctic region has a varied landscape including mountains, tundra and boreal forest. It is home to small populations of people and an amazing variety of plants and animals including the polar bear, Arctic fox, Arctic hare and walrus

## Antarctic region

Antarctica is the world's fifth-largest continent and is covered in an ice sheet that is up to 4800m thick. It is the coldest, driest, highest and windiest continent on Earth. Temperatures can drop to -80°C, there is little precipitation, and wind speeds can reach 80km per hour. There are only two native species of flowering plants in Antarctica, but there is a rich sea life, including the emperor penguin, humpback whale and leopard seal. No people live permanently in the Antarctic, However, scientists stay for part of the year to carry out research and tourists visit in the summer months to see the landscape and wildlife.

## Key Vocabulary

Antarctic Circle: An imaginary circle of latitude that lies 66.5° south of the equator. Everything south of this line is known as the Antarctic. Arctic Circle: An imaginary circle of latitude that lies 66.5° north of the equator. Everything north of this line is known as the Arctic

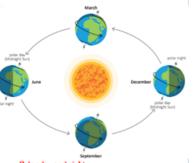
Polar day: Near constant daylight in the Arctic or Antarctic during the summer months when the Sun does not set below the horizon. Also known as Midnight



## Sun. Polar night: Near constant darkness in the Arctic or

Antarctic during the winter months when the Sun does not rise above the horizon

Precipitation: Water that falls from clouds in the sky



## Polar day and night

Due to the tilt of the Earth, the poles experience nearly 24 hours of daylight during the summer months. This is called polar day, or Midnight Sun. In the winter, the poles experience nearly 24 hours of darkness. This is called

## Indigenous peoples of the Arctic

The indigenous peoples of the Arctic have inhabited the area for thousands of years. In the past they adapted to the cold, harsh conditions by hunting and eating animals native to the area, such as seals, whales and walruses, and using reindeer skins to keep warm. Many lived normadi lifestyles, following reindeer herds. Today, many indigenous peoples live in permanent settle-

ments and have a modern lifestyle, but some still follow the traditional way of





Clim ate: The usual weather conditions that occur in a place or Horizon: The line where the sky appears to meet the Earth Indigenous: Occurring naturally or originating in a particular place. Native: Referring to the enimels and plants that occur naturally in a place. North Pole: The most northern geographical point of the Earth. South Pole: The most southern geographical point of the Earth. Tundra: An area of land where it is too cold for trees to grow and the ground below the surface is permanently frozen.



tems will change and the polar regions will be damaged.

Arctic landscap

### Impact of Tourism

Inuit People The Inuit are a group

of culturally similar

indigenous peoples

inhabiting the Arctic

gions of Greenland,

Canada, and Alaska.

and subarctic re-

There are both positive and negative effects of tourism on an area, such as an increase in income, use of land for building hotels and venues, overcrowding of popular areas and pollution. No one lives permanently on Antarctica so there are no towns, hotels or facilities. Most tourists visit Antarctica on large cruise ships that depart from South America. Scientists believe that wildlife could be made anxious byhumar visitors as they are not accustomed to their presence and therefore the voluntary rule is that no human should stand within 5m of an Antarctic animal.



## Home Learning

Create a diorama of one of the Polar regions.



Children to use the knowledge organisers provided to help them further their learning regarding the enquiry question.

Make a diorama of an Inuit's temporary home also known as an Igloo.

### Natural resources

Natural resources in the Arctic include oil, gas, minerals, metals, fish, wood and freshwater, Arctic inhabitants use the natural resources available for fuel, food and to sell to other countries. However, nany of the resources have not yet been touched as they are difficult to extract, especially those that ndemeath the frozen waters of the Arctic Ocean

One of the pioneering polar explorers from

the Golden Age of Exploration grew up as a

poor orohan in Baltimore, and his achieve-

ments later in life were largely ignored be-

Human activities such as burning fossil fuels and deforestation are releasing gases into the atmosphere.

that are causing the temperature of the Earth to rise and its climate to change. The Arctic landscape and

wildlife are at risk due to this change. Scientists are concerned that the rising global temperature is causing the polarice to melt. If the polarice melts, sea levels and temperatures will rise, weather pat-

Matthew Henson

cause of his race.



Plan and design an animal that lives in one of the polar regions. Use recycled materials to create one. This can be a drawing or 3D model.

Research and discuss global warming and climate change. What are the effects of this on our planet? How can we help to slow it down or reduce it?

Conduct research into who Matthew Henson was, what he is recognised for and why he was and is so significant today.

Create a non-chronological report about him and his achievements.

Useful Links:

https://discoveringthearctic.org.uk/

https://www.natgeokids.com/uk/home-is-good/save-ourpolar-habitats/