



St Paul's C of E Primary School – Knowledge Organiser

Name of Topic

Why don't penguins need to fly?

Year Group

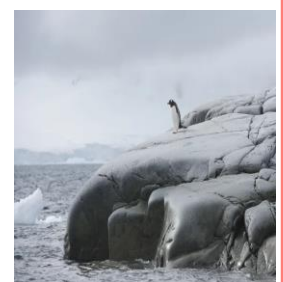
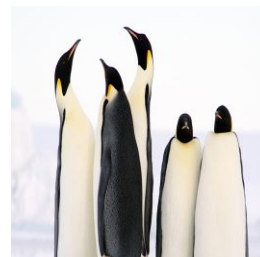
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Key Vocabulary and Spellings

1	Adaptation	The act of changing something or changing your behaviour to make it suitable for a new situation.
2	Expedition	A journey of a trip undertaken for a specific purpose.
3	Extreme	Reaching a low or lowest degree.
4	Physical	Connecting with the animals body as a material organism.
5	Coastline	The line that is considered the boundary between sea and land.
6	Hemisphere	Half of a ball.
7	Ice sheet	A layer of ice covering a large land for a long period of time.
8	Iceberg	Large floating mass if ice detached from a glacier.
9	Polar	Near the North and South Poles.
10	Natural	Something that comes from nature, rather than being man-made.

Top 5 Topic Facts

1	The black and white “tuxedo” look donned by most penguin species is a clever camouflage called countershading.
2	Their white bellies help them blend in with the bright surface of the ocean when viewed by predators and prey from below.
3	The tallest is the aptly named Emperor penguin of Antarctica at 1.2 meters, whilst the smallest is again the aptly named Little penguin of New Zealand which is less than 40cm tall.
4	Penguins evolved to fly underwater.



Key Investigations/Questions

1	Why don't Penguins fly?
2	How do they stay warm?
3	How big is the tallest Penguin?