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Above and Below

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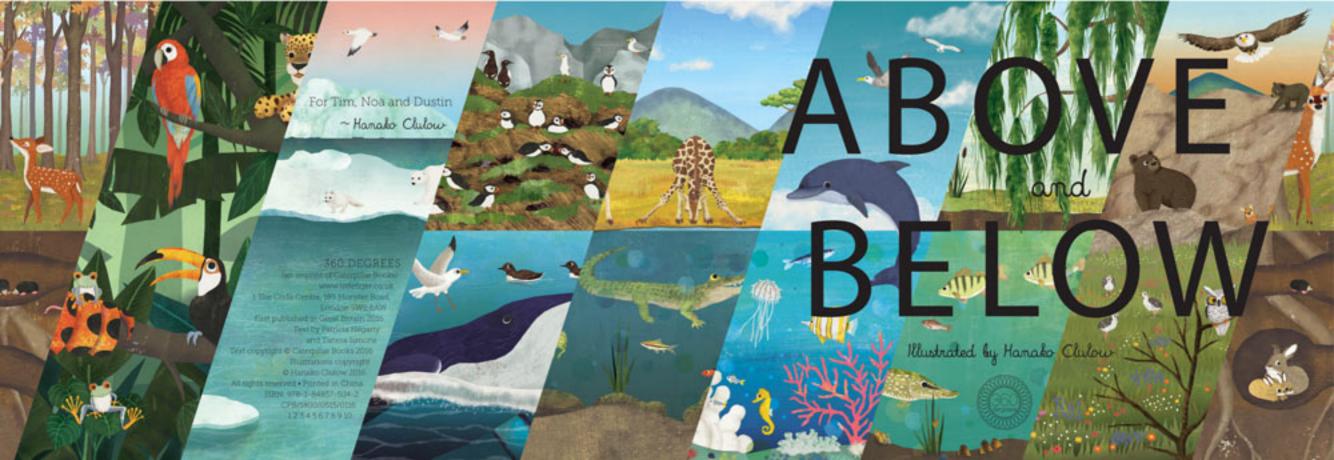
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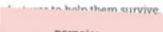
Please print off and read at your leisure.





The North Pole

The North Pole is the northernmost point of the Earth and sits in the middle of the Arctic Ocean. In Winter, temperatures can drop as low as -43 °C, and many animals migrate south to warmer climates. Those that remain have often developed special



porpoise

Porpoises are among the smallest marine mammals. They have 60-120 teeth, which are flattened into a spade-like shape at the tip.

harp seal

Spending relatively lattle time on land, the harp seal is an adept swimmer, feeding on fish and crustaceans.



ice floe

Ice floes are flat masses of free-moving ice that float on the surface of the ocean.



Icebergs, in contrast, are large masses. of ice that have broken away from glaciers or ice shelves, and are not normally flat. The North Atlantic and

Antarctic regions contain the largest number of icebergs in the world.



One of the world's most powerful predators, the orca's teeth can grow up to 10cm in length.



arctic cod

This cod occurs farther north than any other marine fish.



narwhal

Nicknamed the unicom of the seat narwhals are famous for the large tusk on their heads. This busk is actually a tooth that grows right. through their lips, and can reach lengths of up to 2.7m.



humpback whale

The humpback whale has grooves on it throat, allowing it to expand when it feeds.



planktonic copepod

Planktonic copepods are tiny aquatic crustaceans





The Ocean

Oceans cover 71% of the Earth's surface and they play a major part in our climate and weather systems. But did you know that more than 95% of the underwater world remains unexplored? That leaves plenty for us to discover!





palm tree

As well as coconuts. different species of palm tree produce a wide variety of fruits.

Coral reefs take millions of years to form. Coral organisms are actually translucent, they get their bright hues from the billions of colourful algae they host.





loggerhead turtle

Females dig a hole in the sand, lay their eggs, then return to the sea. On hatching, the babses must fend for themselves.



crab

There are over 4,500 species of crab, living in both oceans and fresh water.



starfish

Starfish don't have brains or blood: If necessary, they can re-grow their limbs.



flying fish

This species of fish has evolved to be able to 'fly' as a way of escaping from predators below the water.



dolphin

Dolphins are very sociable creatures and use squeaks and whistles to communicate with each other.



albatross

The albatross has the largest wingspan of any bird - up to 3.4m - and it can glide for hours without resting.





The Ocean



coral

Coral reefs take millions of years to form. Coral organisms are actually translucent; they get their bright hues from the billions of colourful algae they host.





palm tree





octopus

An octopus can change its colour, pattern and texture to match its surroundings - a real master of disguise



Hundreds of species of fish can live in a small area of coral reef, many of them suitably carnouflaged



sea anemone

There are over 1,000 species of sea anemones. of all sizes and colours.



Squid can squin black ink to scare off. predators when they feel threatened.



The eye-like dot on the back of a butterfly fish is designed to confuse and distract predators



The temale clown fish



The sea horse is the



can by up to 1,000 eggs at a time



sea horse

only known animal species where the male bears the young

jellyfish



dory fish

Dory fish are demersal, which means that they live near the ocean bed

These are over 4,5000 living in both oceans and freshwater

evolved to be au-

as a way of escaping from predators below the water

