

11.Are polar bears the largest bear?



- Polar bears are the largest land carnivores (meat-eaters) in the world and the largest members of the bear family.
- Polar bear cubs are no bigger than a rat when born.
- Polar bears live only in the northern Arctic where they spend most of their time on ice floes. They are found in the US (Alaska), Canada, Russia, Greenland and Norway. These areas are viciously cold, with temperatures as low as minus 55 degrees Celsius and wind speeds of up to 30 miles per hour.

★Teacher will ask this question first “Are there any words you don’t understand?” after explain those words, teacher will make some questions below each paragraph. And let him say the sentences according to your question. (If the student can’t make himself, you’ll make the sentences ) And let him say it 3 times to memorize it:

①Teacher must write your questions and the typical answers that you gave those to the students for this lesson under the each paragraphs.

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• By having a thick layer of fat (blubber) under their skin, the bears can stay warm in the cold environment. Polar bears are warm-blooded mammals, which means that they can regulate their body at the same temperature. Their skin is black, which helps to soak up as much heat from the sun as possible. What’s more, their round and compact body shape helps to keep them warm. Polar bears don’t have large ears or a long tail, because they lose warmth quickly. Instead they try to weigh as much as possible because large objects lose heat slowly, so the heaviest polar bear stays warmer longer.

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• Polar bears hunt seals, fish, seabirds and reindeer. They will also eat vegetation and berries in the summer. Polar bears do not need to drink water, as they get all the liquid they need from the food they eat.

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• In order for polar bears to stay fat and warm they must eat a lot of food, namely seal blubber. About half of the food polar bears eat is used to keep them warm, which is the same for humans. So the colder the Arctic gets, the more they must eat to keep warm.



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• Polar bears have an amazing sense of smell, which means that they can smell a dead meal 20 miles away and a live seal one metre under the ice. They are very good swimmers, and use their fat and two layers of dense, oily, water repellent fur to help keep them afloat. They use their large feet as paddles when swimming and when on the ice, their feet are used as snow-shoes.



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