

IMAX TO THE ARCTIC



To The Arctic takes you on a never-before-seen 3D journey into the lives of a mother polar bear and her two seven-month-old cubs as they navigate the changing Arctic wilderness they call home. Captivating close-up footage provides a very personal look into this family's struggles to survive in a frigid environment of melting ice, immense glaciers, spectacular waterfalls and majestic snow-bound peaks.



AN IMAX FILM BY GREG MACGILLIVRAY,
THE AWARD-WINNING DIRECTOR OF "EVEREST"



IMAX TO THE ARCTIC

A STORY OF LOVE, FAMILY, AND SURVIVAL IN THE HARSHTEST PLACE ON EARTH
NARRATED BY MERYL STREEP

WARNER BROS. PICTURES AND IMAX FILMED ENTERTAINMENT PRESENT A MACGILLIVRAY FREEMAN FILM
"TO THE ARCTIC" A ONE WORLD ONE OCEAN PRESENTATION NARRATED BY MERYL STREEP MUSICAL SCORE BY STEVE WOOD SONGS BY PAUL MCCARTNEY
EDITED BY STEPHEN JUDSON WRITTEN BY STEPHEN JUDSON PRODUCED BY SHAUN MACGILLIVRAY DIRECTED BY GREG MACGILLIVRAY

IMAX

MACGILLIVRAY
FREEMAN
FILMS

IN SELECT IMAX AND IMAX 3D THEATRES

www.imax.com/totheartic

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Polar Bear Fun Facts



- Even though the polar bear's fur looks white, it is actually clear and reflects light, making the fur appear white.
- Adult males can grow to be 10 feet tall and weigh over 1400 pounds.
- Polar bear babies weigh a little more than a pound when they are born.
- Polar bears swim using their large front paws to propel themselves through the water and their back legs to steer.
- Polar bears mainly hunt seals.
- A polar bear is so strong that it can kill an animal with one blow from its paw.
- Polar bears' fur is oily and water repellent, allowing them to shake dry after swimming.
- Polar bears can swim an average of 6 miles per hour.
- Polar bears tend to overheat more than to be cold.

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Circle the animals that live in the Arctic



Polar Bear



Lion



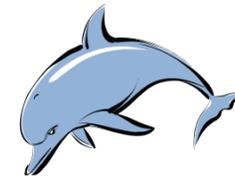
Snowy Owl



Lizard



Caribou



Dolphin



Walrus

Match the arctic animals to their fun fact!

- | | | |
|----------------|---------|---------------------------------|
| A. Walrus | 1 _____ | has a nine-foot long tooth |
| B. Polar Bear | 2 _____ | has tusks made of ivory |
| C. Lemming | 3 _____ | his horn is called a "boss" |
| D. Arctic Tern | 4 _____ | sometimes called a "reindeer" |
| E. Snowy Owl | 5 _____ | fur turns white in winter |
| F. Narwhal | 6 _____ | almost never lands |
| G. Caribou | 7 _____ | hunts both day and night |
| H. Muskox | 8 _____ | world's largest land meat-eater |

Fun fact answers: 1F, 2A, 3H, 4G, 5C, 6D, 7E, 8B

Word Search

See if you can find all ten of the following words:

R Q W P Z Q D U O M Y O E N G
 P A M I C S O S Z E N A E C O
 K Q E A N B F J W T B C F D I
 R V S B I T X W A S Q Z C P S
 D R Z R R L E N L Y V M G O X
 G N A K K A P R R S A N P Y I
 T C Z Y M I L F U O F N F S G
 V D U W U D A O S C H B I I O
 D R W M T M V M P E R K O S Z
 A R C T I C W J V C I X W P J
 J T C L L P A T L Y J Y P Q V
 D S Y M X F M M I W B E L K B
 Q P L T K D K F C C V G L X A
 R E T A W R E D N U B V I E O
 S W L Q L D I V L V Q F L K F

- arctic
- family
- polar bear
- caribou
- ice
- underwater
- ecosystem
- ocean
- walrus



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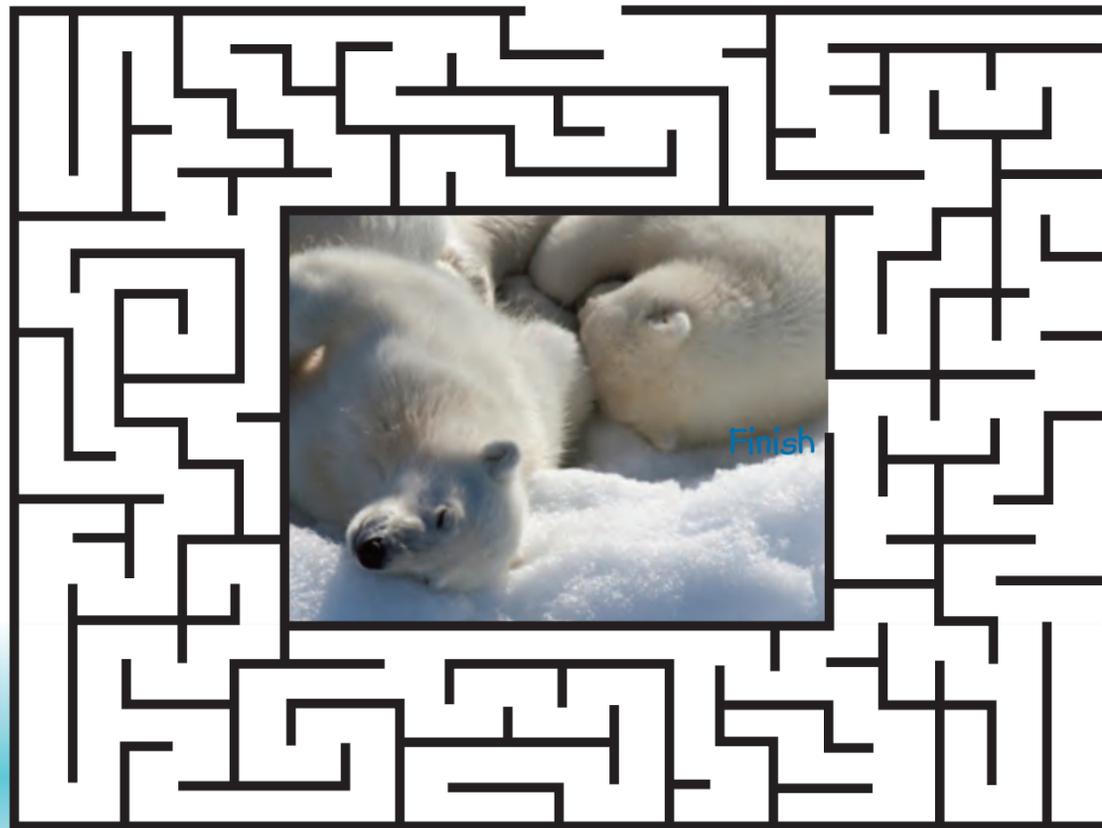
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Finding her cubs

Let's help the mother polar bear find her two seven-month-old cubs by finding your way through this maze.



Start



Finish

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celebration of International Polar Bear Day.



LEGEND:

- high polar bear population
- low polar bear population
- few bears

Circumpolar Arctic — This imaginary line on the globe surrounds the North Pole. Polar bears live on the edges of the land that touch the sea. Each season the bears are found throughout the area — always hunting.



Where the Wild Bears Are

Worldwide, there are approximately 22,000-27,000 wild polar bears that live in the circumpolar Arctic, which includes the United States (Alaska), Canada, Russia, Greenland, and Norway. Do penguins live in the same area as polar bears? No! Polar bears live only in the circumpolar Arctic. Penguins live only in the southern hemisphere. Polar bears are incredible walkers, averaging 5,500 miles a year! The fur on the bottom of their paws helps provide traction on slick ice.

Talk To Me

Polar bears communicate with each other by sound and moving their bodies. A low growl warns other bears, "don't bug me." When food is abundant, polar bears will even share part of the kill with each other. A bear will beg from another bear by coming up slowly, circling around the carcass, and then meekly offering a nose-to-nose greeting. When a polar bear wants to play, he will wag his head from side to side or stand on his hind legs with his chin lowered to his chest and front paws hanging by his side. When really angry, polar bears hiss and snort with their heads down. An attacking polar bear charges forward with head down and ears laid back.



Mama Bear and Her Cubs

Though the polar bears' mating takes place in April or May, the fertilized eggs (ova) do not start to grow until fall — a process called delayed implantation. The cubs are born in winter and emerge from the den in spring when there is abundant food. The female must store enough fat to nurse her cubs and maintain her health while in the den and not eating for nearly 6 months. When born, the cubs have fine, silky hair, are blind, and about the size of a squirrel. A mother bear tries to avoid adult male bears because they sometimes attack and eat cubs. But if threatened, her maternal instincts are so strong that she can often fight off a much bigger attacker. In the Low Arctic, polar bear cubs drink their mother's milk for at least 20 months and depend on her for everything for their survival. In the High Arctic, where conditions are more harsh, cubs nurse through their third birthday.



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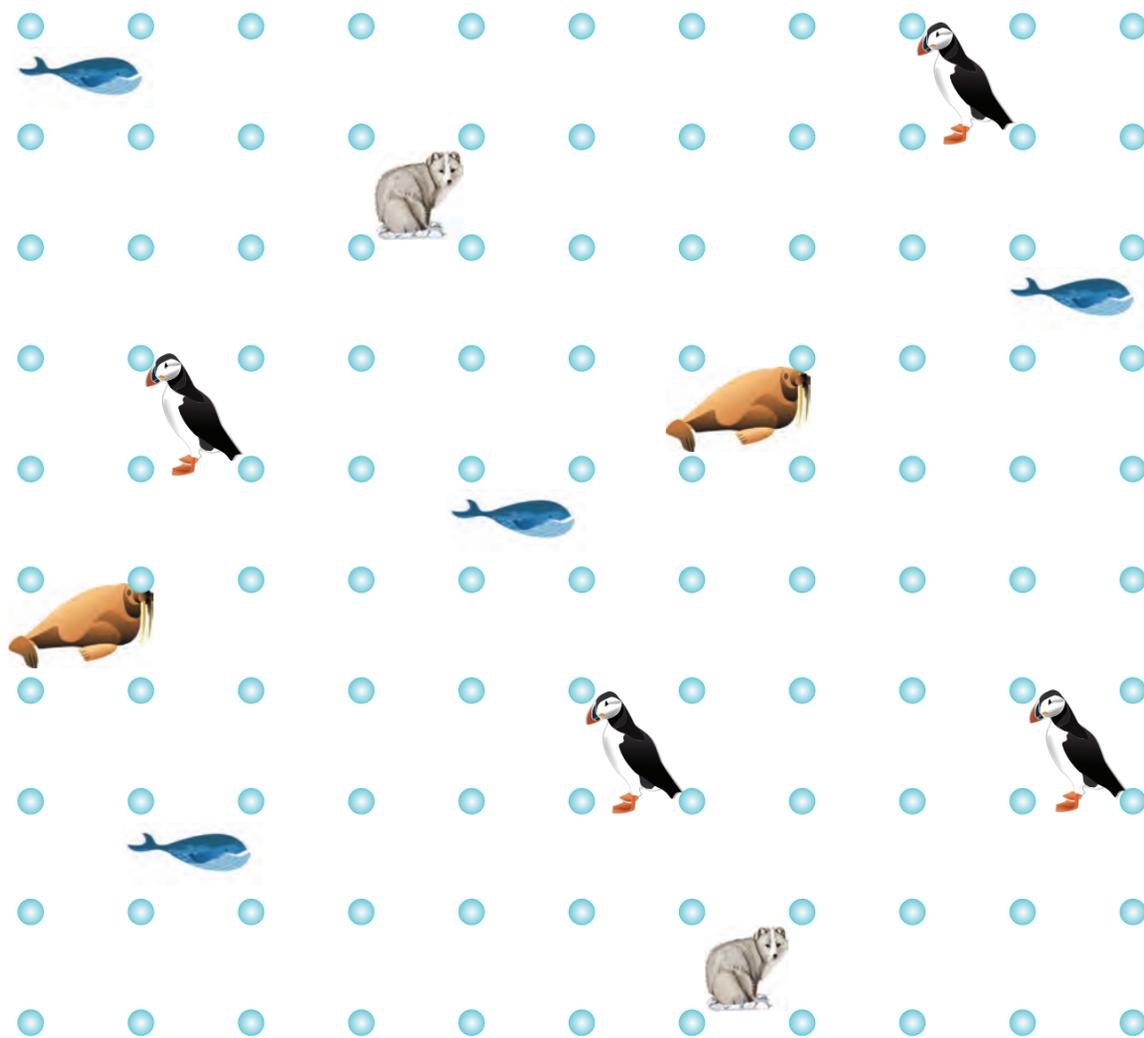
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Feeding Frenzy

When the seasons begin to change, the polar bears need to look for different sources of food. They begin to walk the shorelines looking for dead whales and dead walruses. During this time that polar bears are still on land, they will also hunt arctic foxes, lemmings and a variety of birds. Contrary to what you may have seen at a zoo, wild polar bears do not catch fish to eat.

This is a two player game. Take turns drawing lines between two bubbles.
 If you draw a line that completes a square, put your initial in it and you get 1 point.
 If your square has a fox, puffin or walrus in it you get 2 points.
 If your square has a whale in it you get 3 points.

Keep score as you go along and when all the squares are made, the person with the most points wins!



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