MARCH OF THE PENGUINS

SCIENCE MOVIE NIGHT
In the Antarctic, every March since the beginning of time, the quest begins to find the perfect mate and start a family. This courtship will begin with a long journey -- a journey that will take them hundreds of miles across the continent by foot, in freezing cold temperatures, in brittle, icy winds and through deep, treacherous waters. They will risk starvation and attack by dangerous predators, under the harshest conditions on earth, all to find true love.
What is the average temperature in Antarctica when the sun is out?

A. 58° below zero
B. 65° Fahrenheit
C. 0°
What was Antarctica like before, many years ago?

A. Not much has changed, it was covered in ice with freezing temperatures

B. It used to be a tropical area that was densely forested
The emperor penguin is technically a ____________ that makes it home in the sea.

A. Fish  
B. Bird  
C. Mammal
Each year the emperor penguin travels the great distance. He gets where he is going by _________________.

A. Swimming  
B. Flying  
C. Walking
The penguins’ breeding ground can be up to ________ miles away.

A. 70
B. 100
C. 120
Why do the penguins need to change their path from year to year?

A. Because they do not want any other penguins to be able to follow them.
B. Because polar bears get in their way.
C. Because the ice keeps shifting and changing.
Once the penguins arrive at their breeding grounds, what do they do?

A. Build a nest  
B. Look for a mate  
C. Search for food
Emperor penguins are monogamous this means that they_____________.

A. Have only one mate from season to season
B. Have more than one mate at a time
Why do penguins that fall behind in the march die?

A. Because they get lost
B. Because they have no food
C. Because they do not have any chance against the cold winter
How do the penguins protect themselves against the freezing cold?

A. They huddle together to keep warm
B. They dig holes to keep warm
C. They hide in caves to keep warm
What month is the one egg of each mated pair laid?
After the egg is laid, who holds the egg for more than two months?

A. The female penguin
B. The male penguin
Which parent goes back to the sea first and why?
By the time the vigil atop the egg is over, the father will go over _______ days without food.

A. 100
B. 125
C. 150
Why must the female penguins walk farther when they return to the sea?

A. Because the sea has frozen over, so they have further to go.

B. Because they take a different route back to the sea.

C. Because they often get lost and do not remember their short cuts.
The emperor penguins can hold their breath for over ________ minutes.

A. 10  
B. 15  
C. 20
Which one of these animals is a predator of the emperor penguin?

A. The polar bear
B. The killer whale
C. The leopard seal
What is different about the mother penguin’s third trip to the breeding grounds?

A. They take a different route
B. It is in the dark
C. Another breed of penguin joins them
How does the father feed the baby to keep it alive for a day or two while they wait for the mother to arrive back at the breeding ground?

A. He coughs up a milky substance and feeds it to the baby penguin
B. The baby feeds off the father by licking its underbelly
C. The chick does not eat until the mother gets back
How do the male and female penguins find each other when the female returns?

A. The female penguin trumpets (or calls) to the male and waits for her mate to call back.

B. They walk around looking for each other until they find each other.

C. The chick can detect the mother’s scent and when it smells the mother it walks toward her.
How will the chick and the father find each other when the father returns?

A. They learn each other’s scent  
B. They will sing to each other  
C. They can recognize the pattern of each other’s feathers
Every year, some mother penguins that lost their chick will respond by

A. walking back to the sea.
B. dying from depression.
C. trying to steal another mother’s chick.
When the mothers return back to sea to feed again, who watches the chicks?

A. No one  
B. The father  
C. The chicks go back to sea with the mothers
How do the chick and the father find each other?

A. The father just picks any chick to take care of
B. The father looks at the pattern of chicks fur to find his chick
C. The fathers circles the newborns until he hears his chicks call
How do the parents feed the chick for the next several months?

A. The parents take turns traveling back and forth to get food and bring it back for the chick.

B. The father hunts while the mother watches the chick.

C. The mother hunts while the father watches the chick.
After nine months of working together to raise the chick, what happens to the family?

A. The parents stay together, but they leave the chick.
B. The family all goes their separate ways.
C. The mother and chick live together in a tribe while the father lives separately.
What month do the chicks go to the sea?
How do the chicks learn to swim?

A. Instinct, they naturally know how to do it.
B. Their mother teaches them.
C. Their father teaches them.
How long will the chicks live at sea before they start the march of the penguins for the first time?

A. 2 years
B. 3 years
C. 4 years
What breed of penguin is this movie is about?

A. Galileo
B. Emperor
C. Long Neck
Questions

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