

1 1 coldest 2 largest 3 are not 4 black 5 lots of 6 ice

2 1 F 2 F 3 T 4 F 5 T 6 F

- 3
- 1 There is no sun for two months of the year.
 - 2 The breeding ground is about 80 kilometres from the sea.
 - 3 Emperor penguins have their chicks in the dark winter months.
 - 4 The emperor penguins can eat all the fish and other food in the sea, and they get very fat.
 - 5 Fat helps the penguins to keep warm, and to survive.
 - 6 Emperor penguins live on the ice and in the sea.
 - 7 Large orcas and seals hunt the penguins in the sea.
 - 8 Emperor penguins can live for twenty years.

4 1 a 2 c 3 b 4 d 5 a 6 c 7 b

5 1 bodies 2 feet 3 fat 4 feathers 5 bills 6 flippers 7 stomachs

6

1 are finishing	2 are making	3 is waiting
4 are walking	5 are ... coming	6 is getting

7

1 20 and 120 kilometres	2 20 degrees Celsius	3 500 metres
4 30 minutes	5 half a kilogram	6 two months

8	Male emperor penguin	Female emperor penguin	Both emperor penguins
	courts the other penguin	lays an egg on the ice	do a courting "dance"
	climbs on the other penguin's back	becomes much smaller and thinner	stand in a huddle
	catches the egg and keeps it warm for two months	slowly pushes the egg to the other penguin	call to the other penguin

9 1 standing 2 to lay 3 comes 4 moving 5 pushes 6 leave 7 keep

- 10
- | | |
|--|---------------------------------------|
| 1 The female penguin is at the sea now. | 2 She swims down into the water. |
| 3 She must find as much food as she can. | 4 She must eat for her chick, too. |
| 5 The camera crew are waiting for her. | 6 They do their courting dance again. |
| 7 She is here at the right time. | |

11 a 5 b 1 c 4 d 3 e 6 f 2

- 12** 1 quiet 2 beautiful 3 small
4 grey 5 great 6 wonderful
- 13** 1 When does a big storm hit the colony? 2 Why do the camera crew stop filming?
3 What do the camera crew have to wait for? 4 Where are many parents and their chicks caught?
5 What could the camera crew see? 6 Who cannot climb the ice shelf?
- 14** 1 came 2 tried 3 pushed
4 pulled 5 climbed 6 was
- 15** 1 d 2 a 3 f 4 b 5 e 6 c
- 16** 1, 3, 4, 5 and 8
- 17** 1 many 2 melting 3 long 4 leave
5 lose 6 Now 7 back
- 18** a the cold
b predators
c ice shelves
- 19** 1 suddenly 2 heavily 3 nearly 4 slowly
5 usually 6 loudly 7 quickly
- 20** 1 call 2 colony 3 fat
4 journey 5 life 6 predator
7 temperature 8 wings 9 land