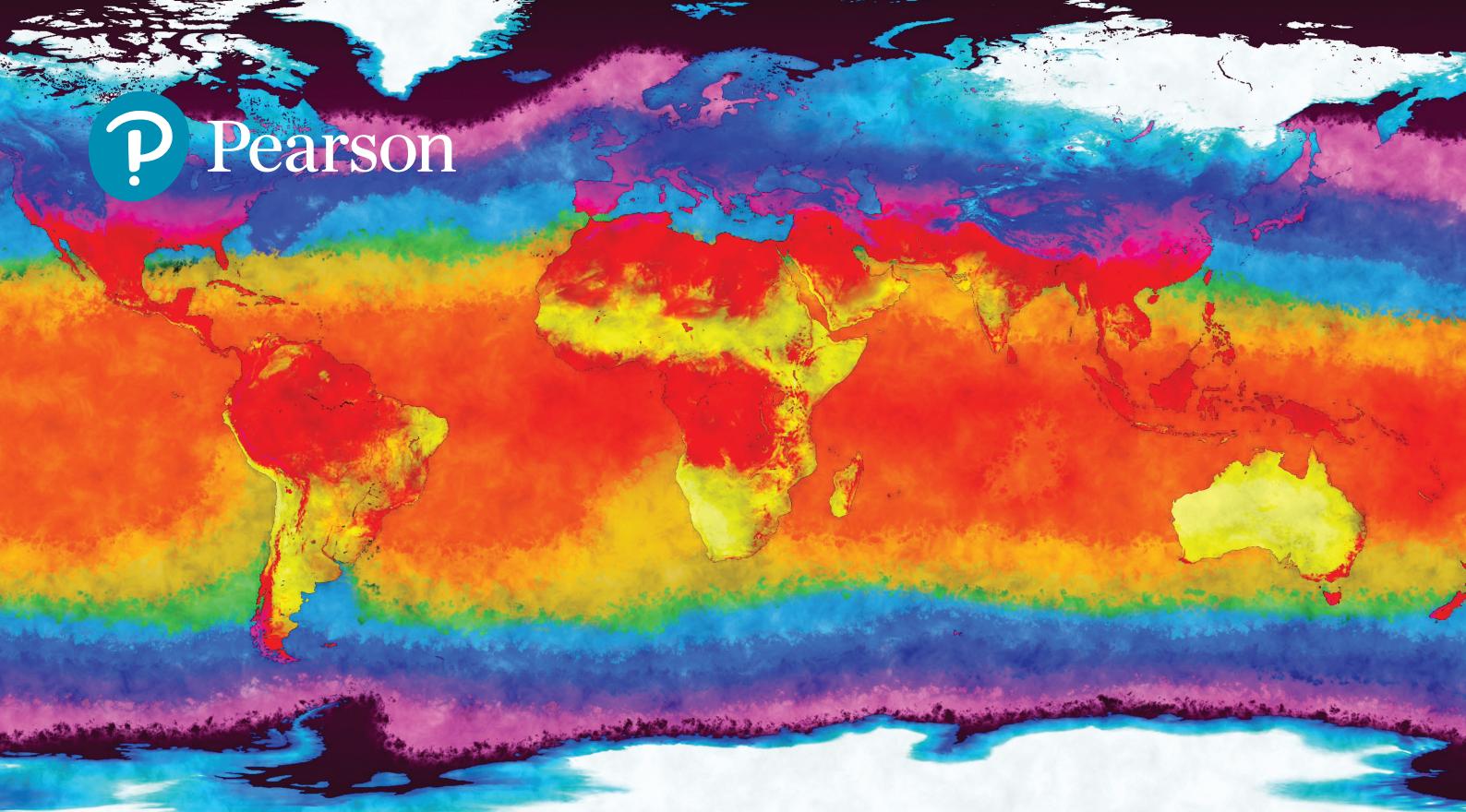




Pearson



# Primary Geography

## Hot and cold places

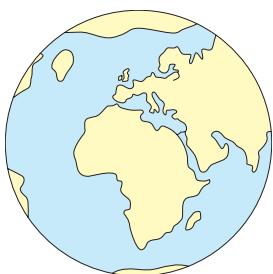
Name:

Class:

# Knowledge organiser

Vocabulary	
atlas	book of maps
climate	what the weather is usually like, e.g. it is usually hot in summer, cold in winter
continent	large area of land, often with more than one country in it
degrees Celsius	measurement of temperature
globe	model of Earth
location	a specific place
temperature	how hot or cold something is
thermometer	something used to measure temperature
weather	what it is like outside today, e.g. is it raining or sunny?

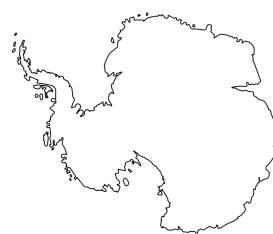
## Continents



continents as they appear on a globe of the world



Africa



Antarctica



Asia



Europe



North America



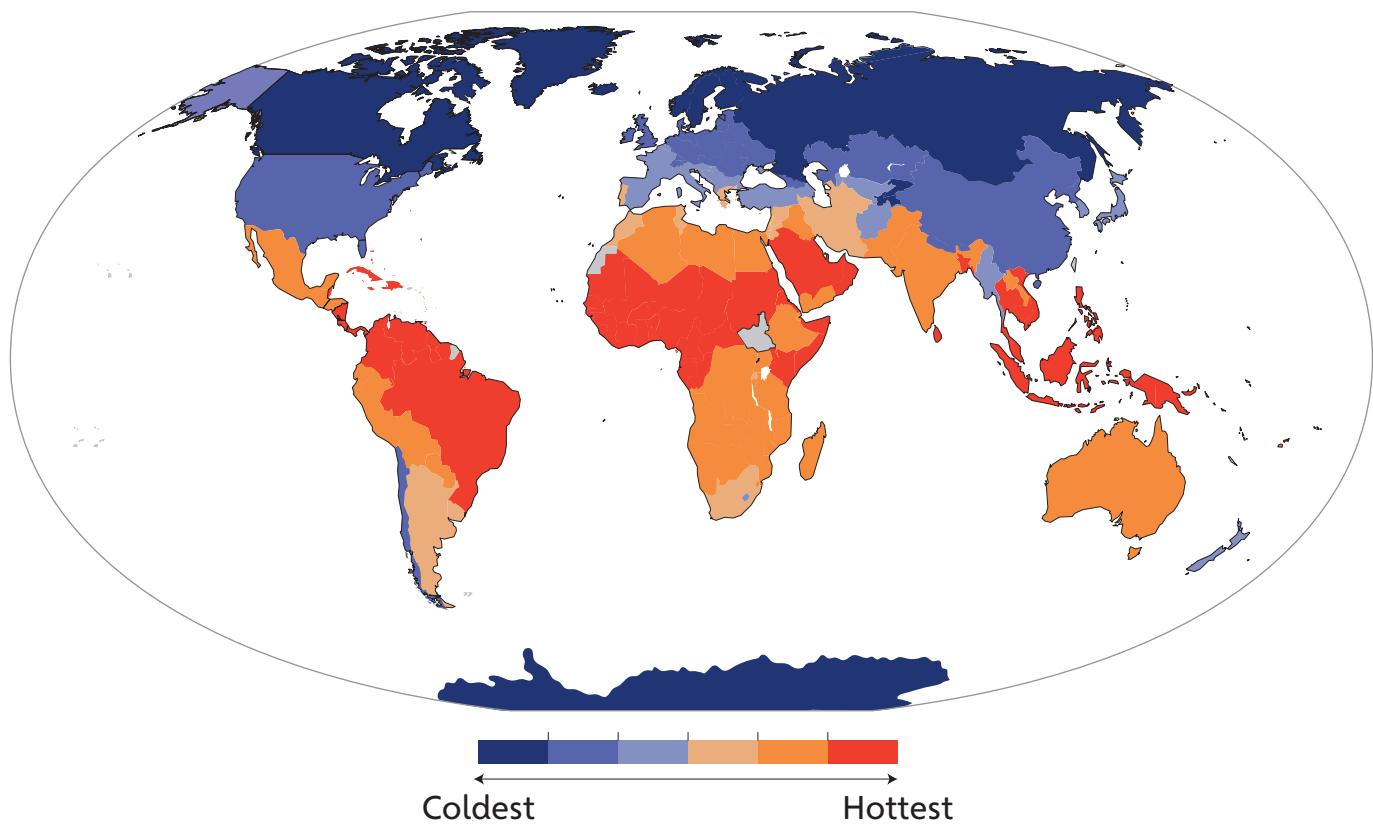
South America



Australasia

# Knowledge organiser

## Average temperatures around the world



## 4 Learning review

### Hot and cold places

Lesson	Lesson question	You will learn about ...	Learning review
1	How hot or cold is our school?	<ul style="list-style-type: none"> <li>following a map of the school.</li> <li>using directions, e.g. 'left' and 'right'.</li> <li>recording measurements.</li> <li>how temperatures vary in different locations.</li> </ul>	<input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> 
2	What do hot and cold places feel like?	<ul style="list-style-type: none"> <li>different temperatures around the world.</li> <li>words to describe temperatures.</li> <li>the coldest temperatures falling below zero.</li> </ul>	<input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> 
3	Where are hot and cold places found on Earth?	<ul style="list-style-type: none"> <li>places being colder the further away from the equator they are, and hotter the closer they are to the equator.</li> <li>using a range of maps.</li> <li>the names of continents.</li> </ul>	<input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> 
4	How does temperature affect hot and cold places?	<ul style="list-style-type: none"> <li>how hot and cold places are affected by their location.</li> <li>how to find Norway and the UAE on a world map.</li> <li>what it means to 'read a photograph'.</li> </ul>	<input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>
5	What features does an animal need to live in a hot/cold place?	<ul style="list-style-type: none"> <li>how and why animals have adapted to live in different places.</li> <li>labelling a drawing.</li> </ul>	<input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> 
6	How have real animals adapted to hot/cold places?	<ul style="list-style-type: none"> <li>identifying similarities and differences.</li> <li>classifying and sorting animals.</li> </ul>	<input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> 

# Lesson 1

## How hot or cold is our school?

### Different temperatures

You will need a **thermometer** to measure the **temperature** in the air. Choose a part of your school to measure the temperature.



1. What is the temperature in your chosen **location**? Write your answer.

Location: \_\_\_\_\_

Temperature: \_\_\_\_\_ °C



2. Where is your location? Use the word bank to help you write your answer.

left  
right  
near  
far  
next to  
close to

\_\_\_\_\_ metres from \_\_\_\_\_

My location is \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Hot and cold places



3. What are the different temperatures around your school? Write your answers.

Location		Temperature (°C)
1	Hall	
2		
3		
4		
5		

4. Which things would you do in a hot classroom, and which would you do in a cold classroom? Place a tick in the box.

Action	Hot classroom	Cold classroom
 Open the window		
 Turn off the radiator		
 Put on a jumper		
 Close the window		
 Drink more water		
 Turn on the radiator		

# Lesson 2

## What do hot and cold places feel like?



### Quiz

I. Which word describes how hot or cold a place is? Tick the correct answer.

- a. weight
- b. length
- c. temperature
- d. distance

### Hot or cold?



I. What is it like in each place? Tick 'Hot' or 'Cold'.

a.



Hot  Cold

b.



Hot  Cold

c.



Hot  Cold

d.



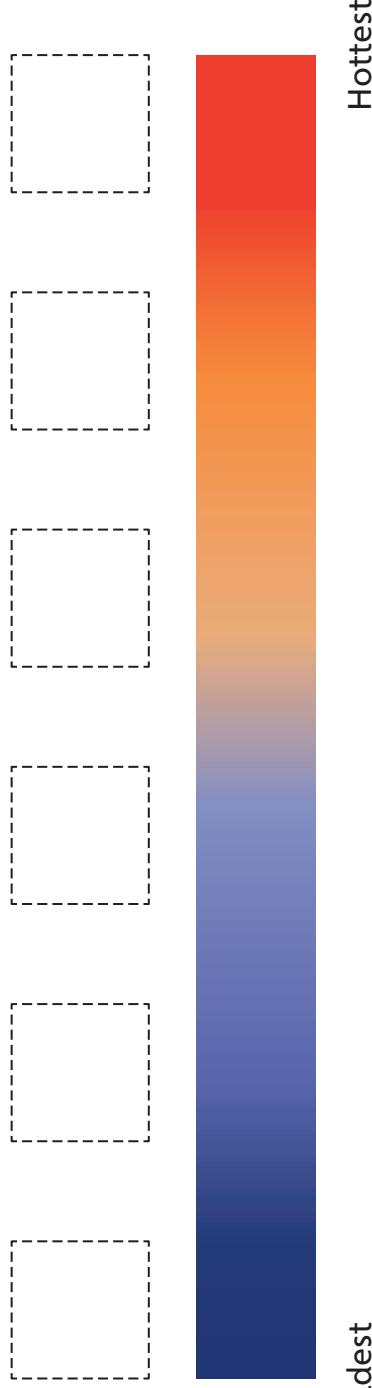
Hot  Cold

## Hot and cold places

2. Stick the picture cards in the correct boxes **above** the temperature line.



88



3. Sort the word cards from coldest to hottest and stick them **under** the temperature line.
4. Stick the location cards in the correct places **above** the picture cards.



# Lesson 3

## Where are hot and cold places found on Earth?

### Quiz

I. Which word describes somewhere hot? Tick the correct answer.

a. freezing  b. mild   
c. scorching  d. chilly

### Continents

I. Match each **continent** outline with its name. Draw a line between them.



Europe



Australasia

Africa



North America

South America

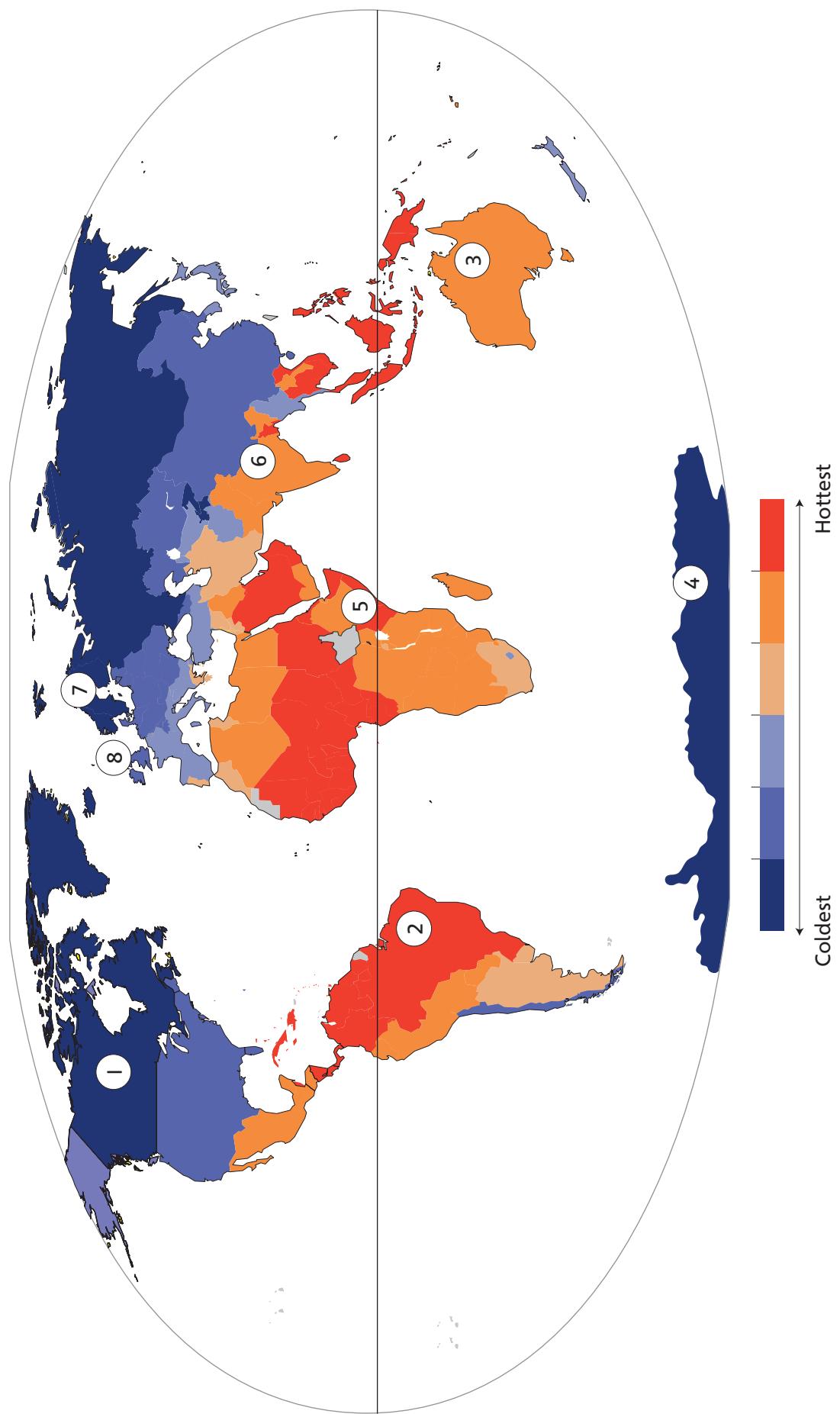


Asia

Antarctica

## Hot and cold places

Average temperatures around the world





2. Is the **climate** in each country warm or cold? Complete the table.

Number	Country	Continent	Warm	Cold
1	Canada	North America		✓
2	Brazil	South America		
3	Australia	Australasia		
4	-	Antarctica		
5	Kenya	Africa		
6	India	Asia		
7	Norway	Europe		
8	UK	Europe		



Kootenay National Park, Canada



Amboseli National Park, Kenya

# Lesson 4

## How does temperature affect hot and cold places?



### Quiz

I. Read the statement below. Tick 'True' or 'False'.

Brazil is in North America.

True  False

### 'Reading' photographs



Your teacher will give you some photos. Place yours in the middle of the boxes below.

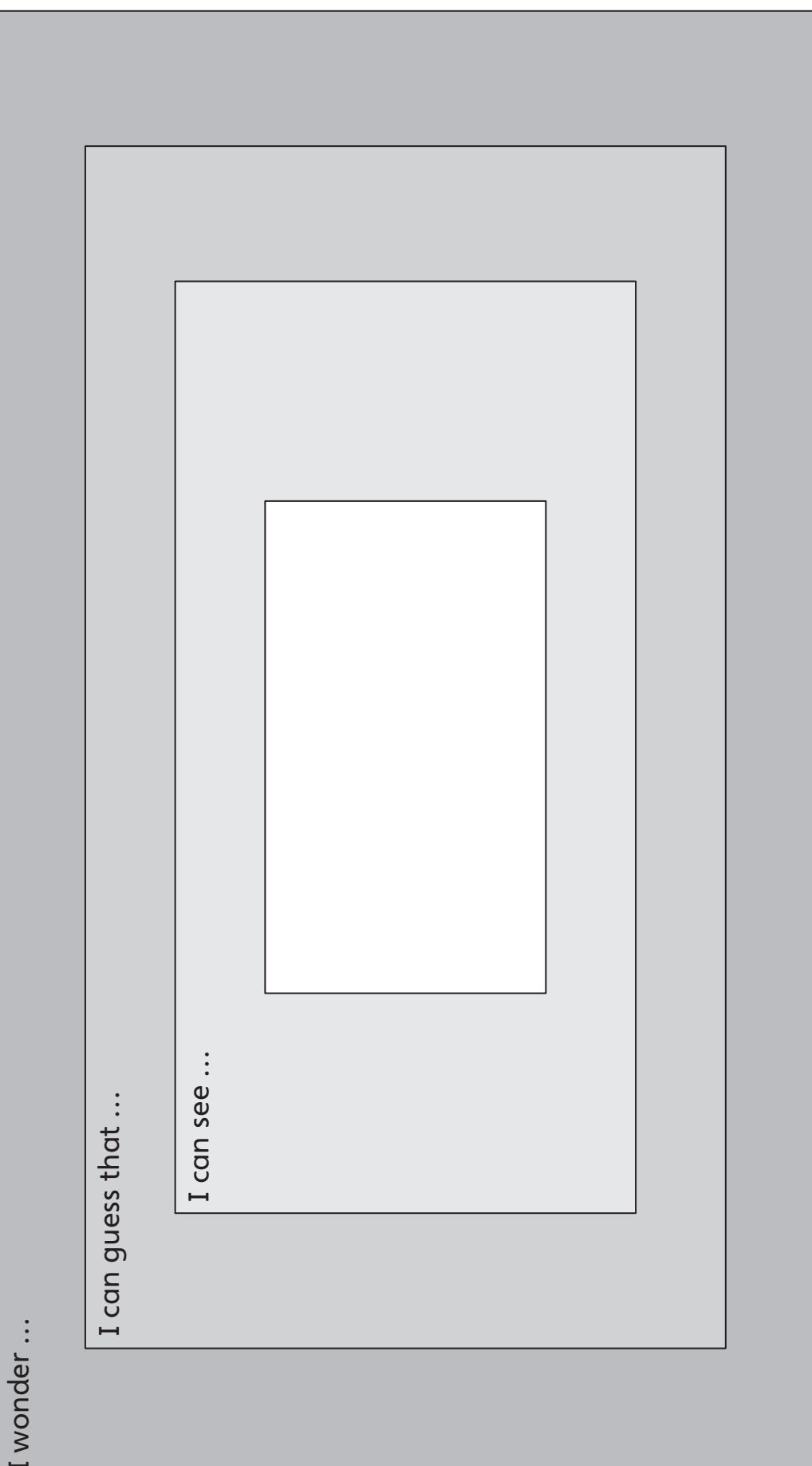
1. What do you notice about the photo? Write your answers.



I wonder ...

I can guess that ...

I can see ...



## Hot and cold places

2. What do you notice about the photo? Write your answers.



I wonder ...

I can guess that ...

I can see ...

# Comparing cities



3. a. Which statements are most likely to be true for Tromsø, Dubai, or both? Tick the correct boxes.

	Statement	Tromsø	Dubai	Both
1	You can go sledging.			
2	People have air conditioning.			
3	People wear lots of layers during the day.			
4	It is close to the equator.			
5	You need to wear a hat.			
6	You can eat lots of fish.			
7	People often stay indoors because of the temperature.			
8	There are lots of tourists.			

b. Complete the sentences to give reasons for your answers in task (a).

I think you can go sledging in \_\_\_\_\_ because \_\_\_\_\_

\_\_\_\_\_

I think you need to wear a hat in \_\_\_\_\_ because \_\_\_\_\_

\_\_\_\_\_



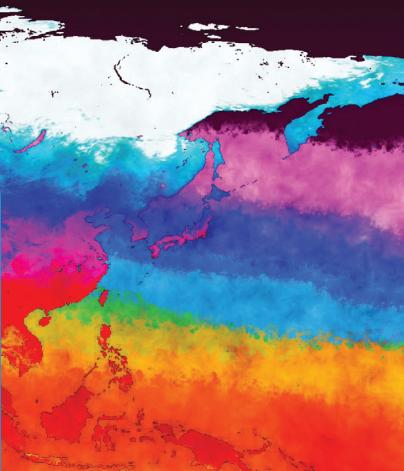
Tromsø, Norway



Dubai, United Arab Emirates

# Lesson 5

## What features does an animal need to live in a hot/cold place?



### Quiz

- I. Which word describes a country near the equator? Tick the correct answer.
  - a. chilly
  - b. hot
  - c. mild
  - d. freezing

### Hot or cold?



- I. Choose one of the places from pages I7 and I8. What is it like in your chosen place? Circle the correct words to complete these sentences.

In the picture, the weather is likely to be **sunny / snowy**.

The temperature is likely to be **hot / cold**.

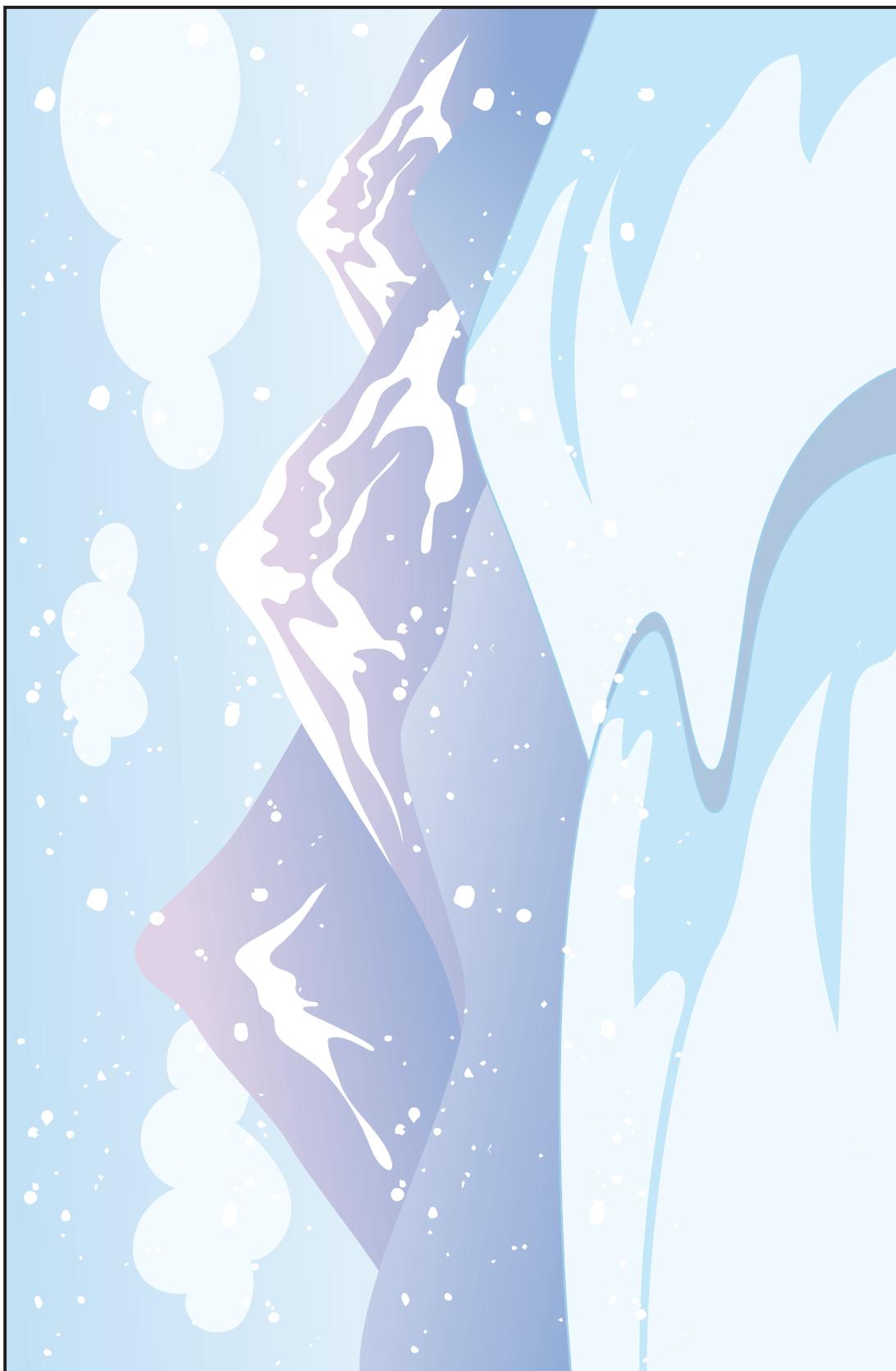
It looks like a place where it **rains a lot / does not rain very much**.

There is **a lot / not a lot** of water.

Animals might be able to eat **fish / plants**.

## Animal living in a cold place

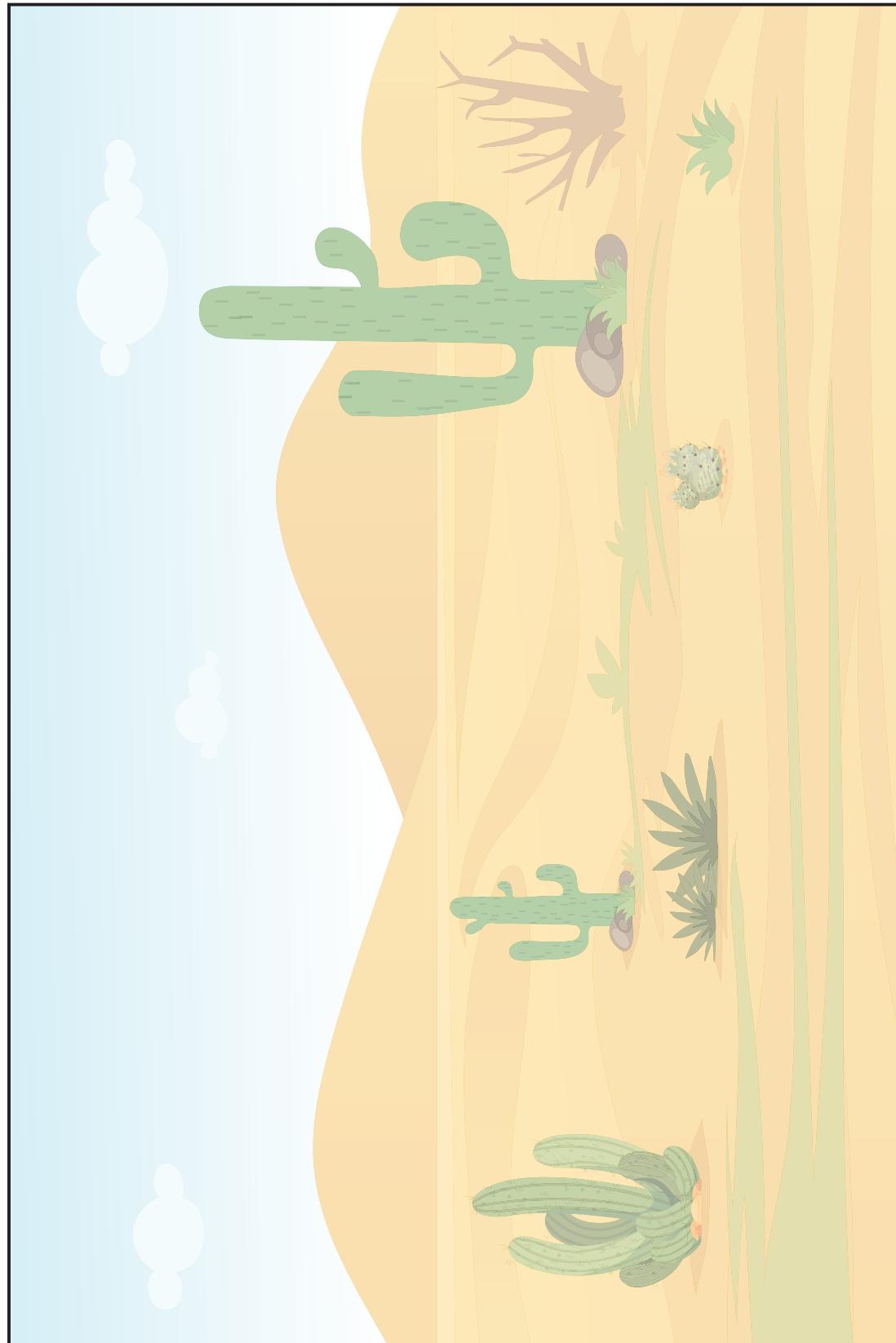
2. Draw and label an animal that could live in a cold place.



## Animal living in a hot place

8

3. Draw and label an animal that could live in a hot place.



# Lesson 6

## How have real animals adapted to hot/cold places?



### Quiz

I. Read the statement below. Tick 'True' or 'False'.

It rains a lot in the desert.

True  False

### Hot or cold?



I. Circle the correct words to complete the sentences.



Polar bears live in **hot** / **cold** climates.



Arctic foxes live in **hot** / **cold** climates.



Camels live in **hot** / **cold** climates.



Arctic hares live in **hot** / **cold** climates.



Reindeer live in **hot** / **cold** climates.



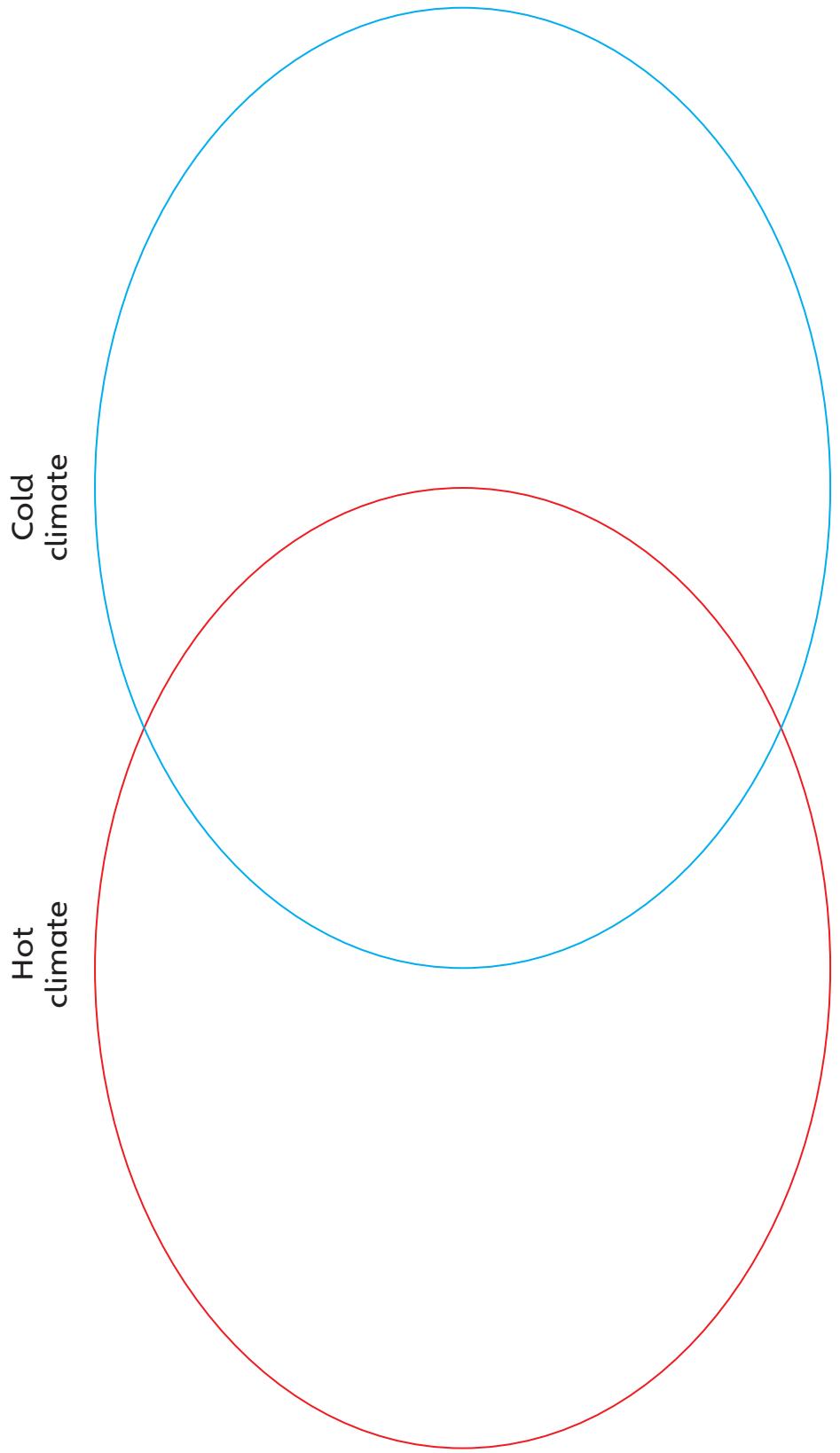
Fennec foxes live in **hot** / **cold** climates.



Kangaroos live in **hot** / **cold** climates.

## Hot and cold places

2. Which feature should go in which circle? Write your answers.



long eyelashes

big ears

small ears

bushy tail

thick fur

3. Fill in the blanks to complete these labels.

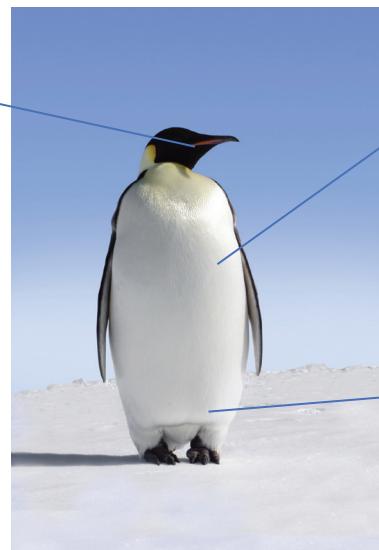


beak

feet

feathers

A small \_\_\_\_\_ stops penguins losing heat.



Thick \_\_\_\_\_ keep penguins warm.

Small \_\_\_\_\_ stop penguins losing heat.

4. Fill in the blanks to complete these labels.



head

mouth

skin

The shape of a chameleon's \_\_\_\_\_ is able to collect water (dew).

A large \_\_\_\_\_ that the chameleon can open to cool off.



Colour-changing \_\_\_\_\_ to soak up the heat from the sun.



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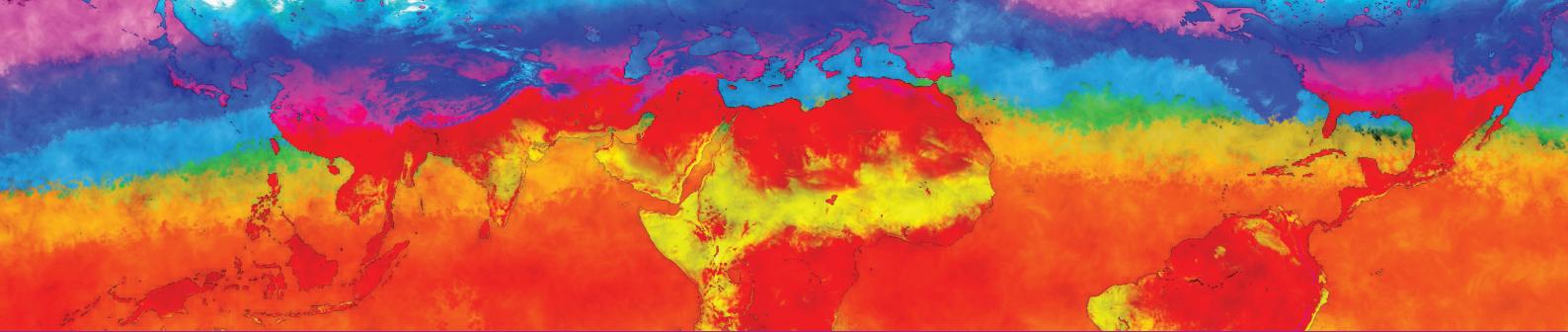
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# Primary Geography

## Hot and cold places

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