

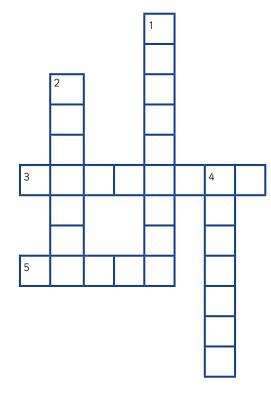
Excerpt

More Information



WHERE ON EARTH IS SPAIN?

- 1 Read the sentences and decide whether they describe parallels or meridians.
 - **a** They are lines of latitude.
 - **b** They are lines of longitude.
 - **c** The equator is one.
 - d They are semi-circular.
 - e They go vertically from the North Pole to the South Pole.
 - f They go horizontally around the Earth.
 - **g** They divide the Earth into segments.
 - **h** They are circular.
- 2 Complete the crossword using words from the unit.



DOWN

- 1 Meridians measure this.
- 2 This parallel is at 0°.
- **4** Latitude and longitude are measured in these.

ACROSS

- **3** Parallels measure this.
- **5** The ... Meridian is at 0°.





Cambridge University Press

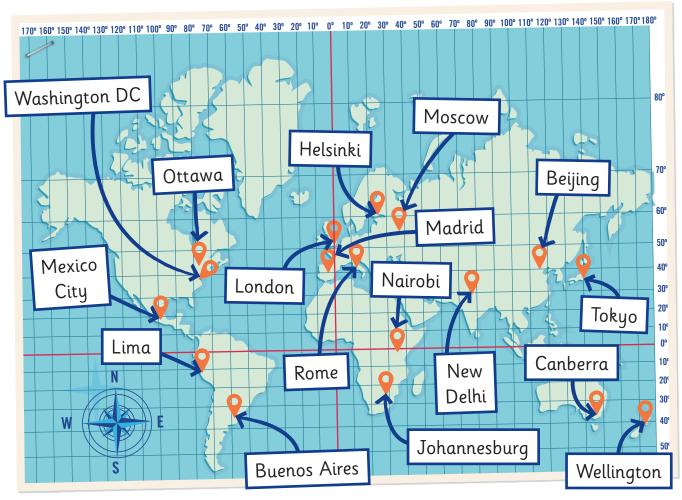
978-8-490-36695-0 — Cambridge Social Science Level 4 Activity Book

Series: Social Science Primary

Excerpt

More Information

3 Use the map to find the cities with the geographic coordinates below.



- **a** 52° N, 0° W _____
- **b** 39° N, 77° W _____
- **c** 35° S, 58° W _____
- **d** 26° S, 28° E _____

- e 36° N, 140° E _____
- **f** 60° N, 25° E _____
- **g** 29° N, 77° E _____
- **h** 42° N, 12° E _____

4 Use the map from activity 3 to give approximate coordinates for these cities.

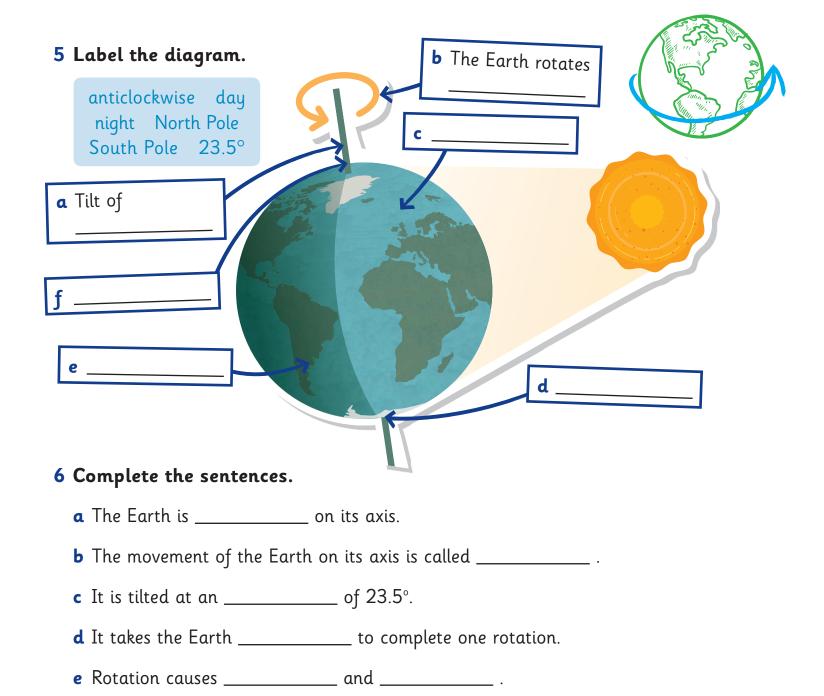
- a Mexico City _____
- **b** Lima _____
- c Ottawa
- d Nairobi _____
- e Canberra _____
- **f** Beijing _____
- g Moscow _____
- h Wellington _____





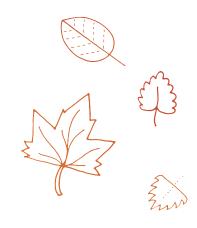
Excerpt

More Information



7 Read the sentences and write the correct season for the Northern Hemisphere.

a 13 October:	It is autumn.
b 23 February:	
c 3 August:	
d 27 April:	
e 20 June:	
f 22 September:	





Excerpt

More Information

8 Match the events to the dates.

- The summer solstice takes place on
- **b** The winter solstice takes place on **o**
- C Spring begins on 🔾
- d Autumn begins on 💍
- Summer begins on
- 🕜 Winter begins on 🔘
- 🌒 The extra day in a leap year takes place on 🔿



- 21 December
- 21 September
 - 29 February
 - 21 March
 - 21 June

9 Complete the text. Use the words in the box.

Ancient Greeks visible disappear eclipse flat observations shadow spherical

The **(a)** _____ were the first to discover that the world is not **(b)** _____ . The philosopher Aristotle made two important **(c)** _____ .

While looking at ships disappear over the horizon, he noticed that the first part of the ship to

(d) _____ was the hull. When the hull was out of sight, the mast was still (e) _____ . This meant that the surface of the Earth is not flat but curved.

He also noticed that during a lunar **(f)** ______, the Earth casts a circular **(g)** ______ on the Moon. This was more proof that the Earth was **(h)** _____, not flat.





Excerpt

More Information

10 Match to make true sentences.

- Astronomers use telescopes
- **b** Galileo Galilei was the first person **o**
- **©** Johannes Kepler improved the telescope
- d The first telescopes were made 🔾
- e The Hubble Telescope is a space 🔾

- o at the beginning of the 17th century.
- o by adding a better lens to it.
 - telescope which was built by NASA.
 - oto study other planets.
 - observe the planets.

11 Label the pictures with the words in the box.

American
first animal in space
Laika
first woman in space
Sputnik Neil Armstrong
Valentina Tereshkova
first satellite in space
Russian
first man on the moon



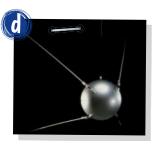
Name: Yuri Gagarin
Nationality: Russian
Fact: first man in space



Name: _____ Nationality: _____ Fact: ____



Name: ______ Nationality: _____ Fact: ____



Name: ______
Nationality: _____
Fact:

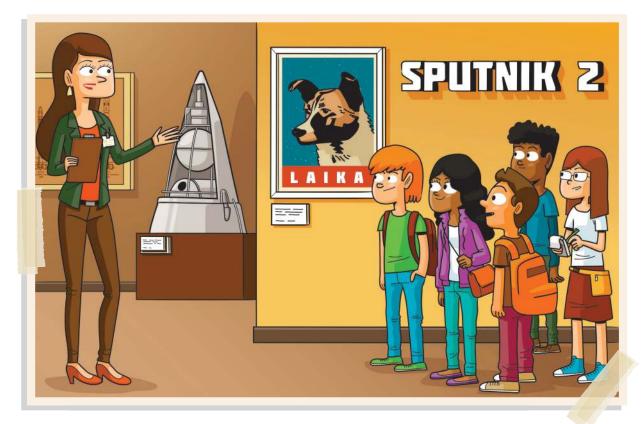


Name: _____ Nationality: _____ Fact: ___

Excerpt

More Information

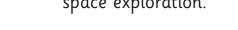
12 Read the diary and write the missing words. Write one word on each line.

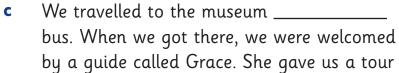


Example Today we <u>went</u> on a school trip

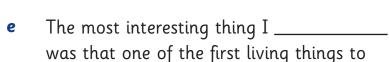
a to the astronomy museum. I _____b very excited about the trip _____

I am fascinated by astronomy and space exploration.





d of the museum and _____ us lots of different facts about the exhibits.



f out that nobody _____ walked on

g the Moon since 1972. _____ does nobody want to go there? I know that I do!







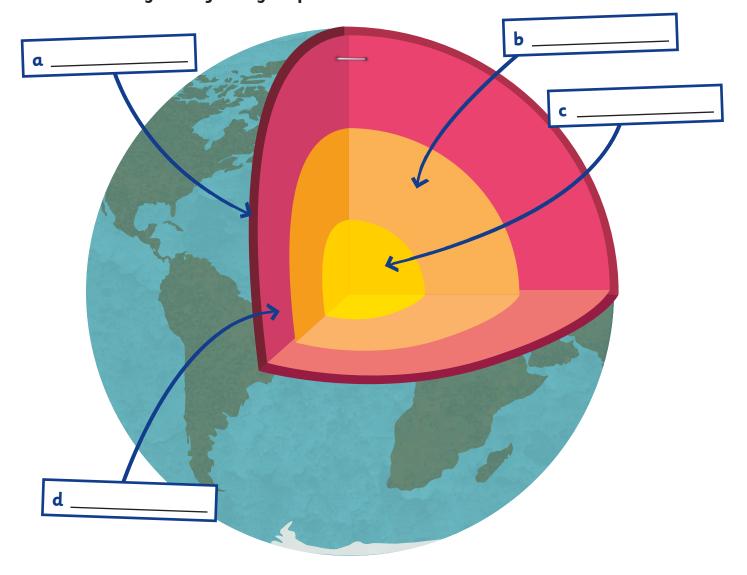


Excerpt

More Information



1 Label the diagram of the geosphere.



- 2 Read the descriptions. Use the labels from activity 1 to write the correct words on each line.
 - **a** This is the centre of the geosphere. It is also the hottest layer.
 - **b** This is the top layer of the geosphere. It is thinner than the other layers. _____
 - **c** This is the thickest layer of the geosphere.
 - **d** This is the layer around the inner core.



Excerpt

More Information

3 Answer the questions. Write full sentences.

- **a** Which layer of the Earth is made of magma?

 The mantle is made of magma.
- **b** Which layer of the Earth has temperatures of up to 5,500°C?
- c This is the layer of rock we all live on.
- d What is made of the crust and the top part of the mantle?
- e Which rock is made of quartz, feldspar and mica?
- f How many minerals is marble made of?



4 Are these objects minerals or rocks?















Excerpt

More Information

5 Read the descriptions and decide if they describe sedimentary, igneous or metamorphic rocks.

- a These rocks can be formed by volcanic eruptions.
- **b** These rocks are formed by sediments that settle at the bottom of lakes, seas and oceans. _____
- c These rocks are originally sedimentary or igneous rocks.
- **d** The sediments are compressed over millions of years and solidify.
- e These rocks are formed by the magma in the Earth's mantle.
- f These rocks are transformed over time by intense heat and pressure.

6 Classify the rocks as sedimentary, igneous or metamorphic.

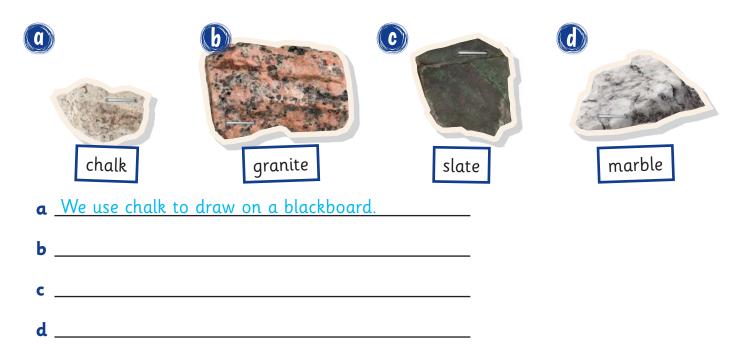




Excerpt

More Information

7 Write one use of each of these rocks.



8 Which minerals would you be able to scratch with these minerals?

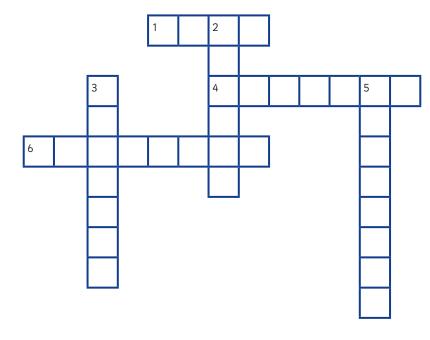




Excerpt

More Information

9 Complete the crossword using words from the unit.



ACROSS

- **1** This is the softest mineral on the Mohs scale.
- **4** On the Mohs scale, each mineral can ... the one before it.
- **6** When a mineral crystal breaks into different parts with uneven surfaces, we call this ...

DOWN

- 2 This is another way of saying 'shininess'.
- **3** This is the hardest mineral on the Mohs scale.
- **5** When a mineral crystal breaks into different parts with flat surfaces, we say that it has good ...

10 Match the minerals to their uses.





Excerpt

<u>More Information</u>

11 Look and read. Choose the correct words and write them on the lines. There is one example.

atmo	sph	nere talc inner core	lithosphere	
igneous		These solid materials form naturally. They are made up of mineralsrocks		
	a	These are solid substances which form naturally. Rocks are made up of them	diamond	
marble	b	This is the solid part of the Earth.	quartz	
	C	This is the thickest layer of the geosphere. It is made up of magma	mantle	
minerals		This is the top layer of the geosphere. It is the layer we live on.	mica	
	e	This is made up of the crust and the top part of the mantle		
rocks	f	Limestone and sandstone are examples of this type of rock.	crust	
	9	These rocks are formed by the magma in the Earth's mantle	2.	
slate	h	This refers to the shininess of a mineral.	cleavage	
	i	This is the hardest mineral on the Mohs scale.	- lustre	
	j	This is the softest mineral on the Mohs scale.		
sediment	ary	geosphere		

13



Cambridge University Press 978-8-490-36695-o — Cambridge Social Science Level 4 Activity Book

Series: Social Science Primary

Excerpt

More Information





1 Identify the weather instruments. Explain what they measure.





a We use a wind vane to measure wind direction.





b _____





- ____
- d _____
- e _____

2 Identify the different forms of precipitation.











Cambridge University Press 978-8-490-36695-0 — Cambridge Social Science Level 4 Activity Book

Series: Social Science Primary

Excerpt

More Information

3 Look at the weather map and complete the weather forecast.



- **a** In the north of the peninsula, it will be rainy and there will be ______.

 The temperature will be ______.
- **b** In the east of the peninsula, it will be _____ and there will _____ . The temperature will be 16°C.
- c In the south of the peninsula, it will be _____ . The ____ will be 16°C.
- **d** In the west of the peninsula, it will be _____ and there will be _____ . The temperature will be 11°C.

4 Read the sentences and decide whether they describe weather or climate.

- **a** I heard on the radio that it is going to rain tomorrow.
- **b** Summer is very warm in the south of Spain.
- c It does not rain a lot in August.
- **d** Did you hear the storm last night?

5 Use the words in the box to complete the sentences.

- **a** Areas closer to the equator are normally ______ .
- **b** Not all parts of the Earth receive _____ at the same _____ .
- c The Earth is heated ______.
- **d** Areas close to the poles are normally ______ .
- e Areas of high _____ have lower temperatures.
- ${f f}$ Areas near seas are _____ in the summer and warmer in the _____ .

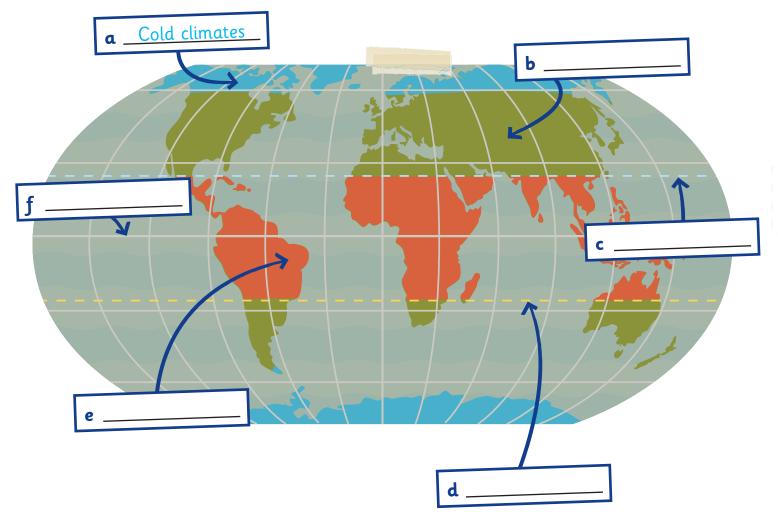
altitude	angle			
colder	cooler			
sunlight				
unequally				
warmer	winter			



Excerpt

More Information

6 Label the climate map of the world.



7 Circle the correct option.

a Temperate climates are found between hot and cold climates. They have cold | warm winters and cold | warm summers.

b Hot | Temperate climates are located between the tropic of Cancer and the Tropic of Capricorn. They are near the South Pole | equator. It is warm in summer | all year round.

c Cold climates have very low temperatures in winter | all year round and rain | snow is common. Cold climates include the areas around the poles | tropics.

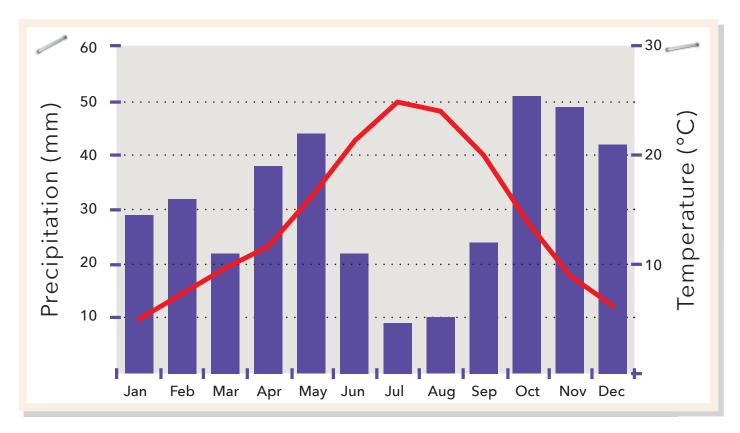




Excerpt

More Information

8 Look at the climate graph of Madrid and answer the questions below.



a Which is the hottest month in Madrid?

The hottest month in Madrid is July.

- **b** Which is the wettest month in Madrid?
- c Which is the coldest month in Madrid?
- d Which is the driest month in Madrid?
- e Which is the second coldest month in Madrid?
- f Which is the second wettest month in Madrid?