

Guía de estudio Social Science
Revision worksheets
Unit 2 The Earth, atmosphere and climate



HUMANITAS
BILINGUAL SCHOOL TORREJÓN

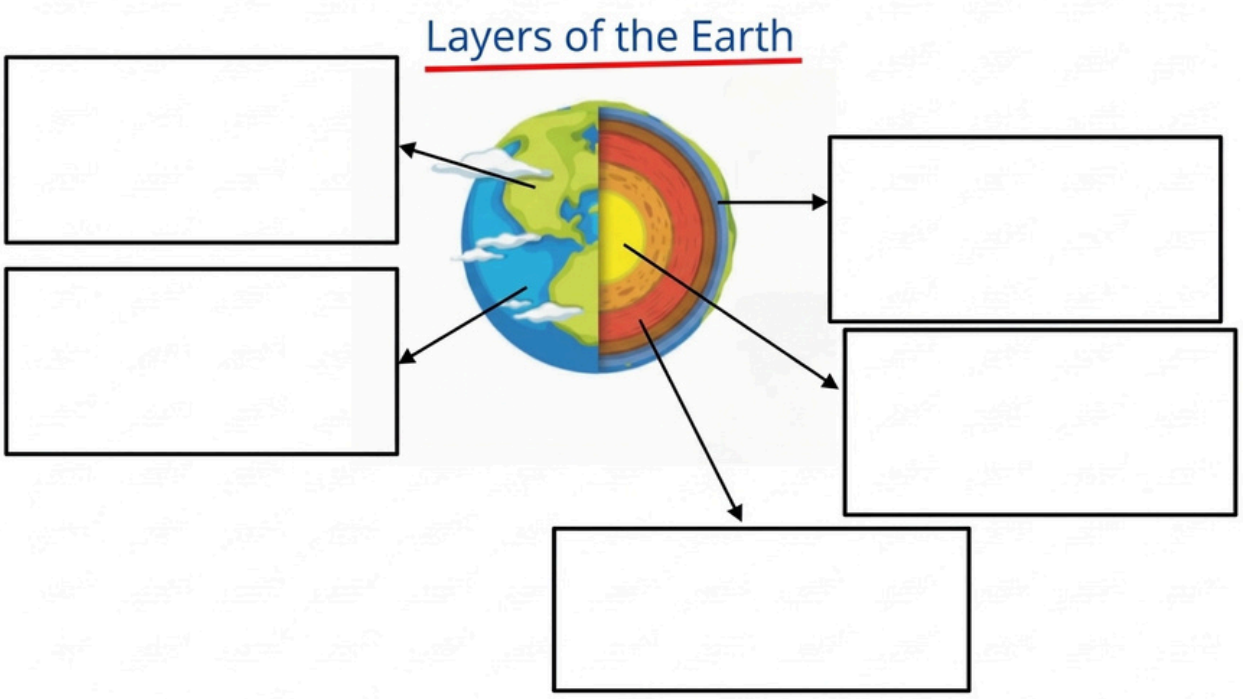
1 Unjumble the letters to write the words!

Look at the clues about the Solar System and the movements of the Earth.

Scrambled Letters	Clue	Write the correct word
T - O - R - A - T - I - O - N	The Earth spins on its own axis in 24 hours.	_____
V - O - L - U - R - E - T - I - O - N	The Earth moves around the Sun in 365 days and 6 hours.	_____
E - G - O - S - P - H - E - R - E	The solid, rocky part of the Earth.	_____
D - R - O - H - Y - S - P - H - E - R - E	All the water on the Earth.	_____
S - A - N - O - S - E - S	Summer, autumn, winter and spring.	_____

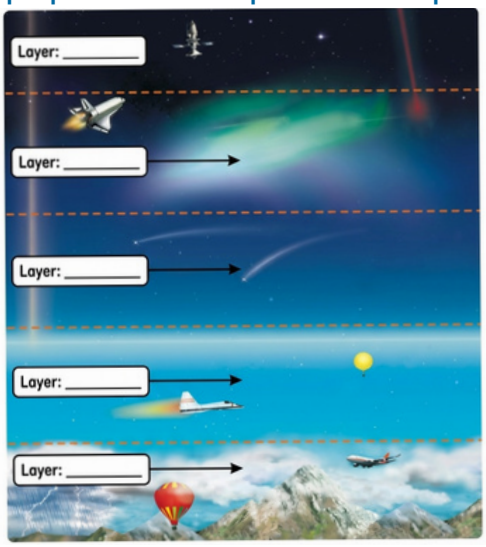
2 Write the words in the correct box.

Geosphere Hydrosphere Crust Mantle Core



3 Complete with the layers of the atmosphere!

Stratosphere • Troposphere • Mesosphere • Exosphere • Thermosphere



4 Match the weather instruments to their definitions!

Look at the weather instruments and draw a line to the correct definition. Look at the example.

Instrument		What does it measure?
 Thermometer		**A.** It measures **precipitation** (water that falls from the clouds).
 Rain gauge		**B.** It measures **wind speed** (air moving).
 Anemometer		**C.** It measures **air pressure** (the weight of the air).
 Barometer		**D.** It measures **temperature** (how hot or cold the atmosphere is).
 Hygrometer		**E.** It measures **humidity** (the amount of water vapour in the air).

5 Correct the mistake in each sentence!

Each sentence has **one** wrong word. Cross it out and write the correct sentence on the line below.

1. Climate is the natural changes in the atmosphere in a certain place over a short period.

_____

2. Latitude is the distance from the Equator: the further a place is from the Equator, the hotter it is.

_____

3. Places near the coast are usually warmer in summer and colder in winter.

_____

4. A wind vane measures the amount of water vapour in the air.

_____

6 Read and draw!

Read the scientific explanation of **Relief** as a climatic factor and draw a clear picture in the box .

Relief (Climatic factor): When moist air from the sea reaches high mountains, the mountains push the air up. As the air goes up, it cools down, creates clouds and brings rain to one side of the mountain.

Draw and label: sea, wind/air going up, mountain, clouds and rain.

7 Read the text and answer the questions!

Read this description of two different climates in Spain and answer the questions with full sentences.

In Spain, there are different climates. In **high mountain areas**, we find the **Mountain climate**: temperatures are cool in summer (15°C) and very cold in winter (0°C), precipitation is abundant (also snow), and vegetation includes forests and fields. In the **Islas Canarias**, we find the **Subtropical climate**: temperatures are warm all year, precipitation is very low, and the vegetation is specific.

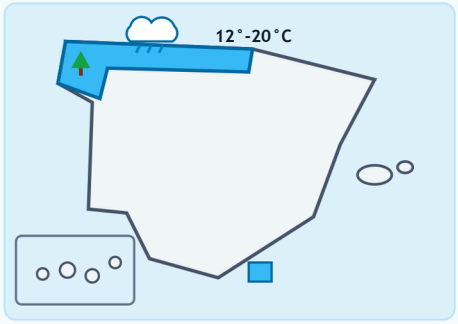
1. Where is the Mountain climate found in Spain?

2. What is precipitation like in the Mountain climate?

3. What are the temperatures and precipitation like in the Subtropical climate?

8 LOOK AT THE WEATHER MAP AND DESCRIBE THE CLIMATE!

Look at the blue area in the north of Spain on the map. Identify the climate and describe its **location, temperature, precipitation** and **vegetation** using the structures from your notebook.



Language Help:
- *It is... / It rains... / It features...*
- *Temperatures are...*
- *There is... / There are...*

Climate name: _____

1. Location (Where is it found in Spain?):

2. Temperature (What are the temperatures like?):

3. Precipitation (Does it rain a lot or a little?):

4. Vegetation (What vegetation can we find there?):



Now write a short description of the Continental climate.

FUN SCIENCE REVISION!

Test everything you know about the Earth, the Atmosphere and Climates in Spain!

1 Find the odd one out!

Circle the word that does **not** belong in each group.	**Write the odd one out?**
Troposphere • Crust • Stratosphere • Mesosphere	_____
Thermometer • Barometer • Equator • Rain gauge	_____
Oceanic • Continental • Subtropical • Rotation	_____
Galicia • Asturias • Islas Canarias • Cantabria	_____



2 Quick Science Quiz: True (T) or False (F)?

Read each statement and write **T** (True) or **F** (False) in the box.

1. The Earth takes 24 hours to complete one rotation on its axis.	☐
2. The ozone layer is located in the Exosphere.	☐
3. In the Continental climate, temperatures are extreme: cold winters (3°C) and hot summers (30°C).	☐
4. A wind vane measures the direction of the wind.	☐
5. Precipitation in the Mediterranean climate is abundant every single month of the year.	☐

