

European Temperature Comparison Worksheet

Instructions

Use the temperatures shown in the table to answer the questions. Write your answers clearly and show your working where needed.

European Temperatures

City	Country	Temperature
Athens	Greece	37°C
Madrid	Spain	33°C
Rome	Italy	35°C
Paris	France	28°C
Berlin	Germany	26°C
Oslo	Norway	19°C
London	United Kingdom	24°C

Part 1: Comparing Temperatures

1. How many degrees hotter is Athens than Oslo?
 2. How many degrees cooler is Berlin than Rome?
 3. Which is warmer: London or Paris? By how many degrees?
 4. How much cooler is Madrid than Athens?
-

Part 2: Ordering Temperatures

1. Put all seven cities in order from **hottest to coldest**.
2. Which city is exactly in the middle of the list?
3. Group the cities into:
 - **Hot (30°C and above)**
 - **Warm (25–29°C)**

- **Cool (below 25°C)**
-

Part 3: Temperature Scale

Draw a temperature scale from **15°C to 40°C**.

- Mark each city's temperature on the scale.
 - Label each point clearly.
 - Which cities are close together on the scale? Which are far apart?
-

Part 4: Reasoning Questions

1. What is the biggest temperature difference between any two cities on the list?
 2. Which two cities have the closest temperatures? Explain how you know.
 3. If Paris warms by 4°C tomorrow, which cities will it now be hotter than?
 4. Why do you think temperatures vary so much across Europe? Write two reasons.
-

Hot Weather Adventure Writing Worksheet

Option 1: Heatwave Adventure Story

Task: Write a story about the hottest day of the year, when school suddenly closes because it is "too hot to learn." On your way home, you and a friend discover something unusual caused by the extreme heat.

Include:

- How the heat affects the environment
- What unusual thing you discover
- The adventure that follows
- How the day ends

Planning Space:

- Characters:
- Setting:
- Problem:

- What happens next:
 - Ending:
-

Option 2: Unexpected Beach Escape

Task: School is cancelled due to a heatwave, so your family decides to drive to the coast. When you arrive, the beach is not what you expected. Something surprising or mysterious is happening.

Include:

- Descriptions of the heat and the beach
- A challenge you must overcome
- What you learn from the experience

Planning Space:

- Characters:
 - Setting:
 - The surprise:
 - The challenge:
 - Ending:
-

Option 3: The Day the Sun Went Too Far

Task: On a scorching day off school, the sun seems *too* bright. Strange things begin to happen — shadows move, plants grow too fast, or the sun seems to communicate with you.

Include:

- Realistic heatwave details
- A magical or supernatural twist
- A moment where you must make a choice

Planning Space:

- Characters:
- Setting:

- Strange events:
 - Your choice:
 - Ending:
-

Helpful Vocabulary

- scorching
 - blistering
 - sweltering
 - shimmering
 - heatwave
 - parched
 - dazzling
 - suffocating
 - mirage
 - adventure
-

Sentence Starters

- "The moment I stepped outside, the heat hit me like..."
 - "I knew something was wrong when..."
 - "The sun blazed so fiercely that..."
 - "We had never seen anything like it before..."
 - "If I had known what would happen next, I would have..."
-

Reading – Find somewhere cool and shady to read at least a chapter of your book

TTRS – Spend some time taking part in our current class battle.

PSHE

Create a bright, informative poster about sun safety which we can use in future heatwaves or when it's warm in school.

You should include information about wearing sun cream, drinking water, wearing a hat and sunglasses, staying in the shade, avoiding the sun at it's hottest time.

As this is a poster, it is important that it has a clear title, bright colours, pictures and that it is neat and easy to read.

If you can, add a catchy slogan or rhyme!

Bring your completed posters into school and we can put them up as displays.