

Climate Zones and Vegetation

Name: _____ **Date:** _____

LEARNING OBJECTIVE

Student will be able to match world climate zones to their characteristics and identify how climate shapes vegetation and human life.

MATERIALS NEEDED

- Paper
- pencil
- colored pencils or markers
- index cards
- internet-connected device or an atlas/encyclopedia for research

HANDS-ON ACTIVITY

1. Research 5 major climate zones (tropical, desert, temperate, polar, and mountain/highland) and write one key fact about temperature, rainfall, and typical vegetation for each on a separate index card.
2. On a blank paper, draw a simple diagram of the Earth divided into horizontal bands (equator, mid-latitudes, poles) and label where each climate zone is generally found.
3. For each climate zone card, draw a small picture representing its typical vegetation (cactus for desert, evergreen for polar, etc.).
4. Choose one climate zone and describe in 2-3 sentences how people who live there might adapt their homes, clothing, or food to that climate.
5. Sort your 5 index cards in order from hottest/driest to coldest based on your research.

QUESTIONS

1. **Name the 5 climate zones you researched and one defining feature of each.**
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2. **How did you order your 5 climate zones from hottest/driest to coldest, and was this straightforward?**
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3. **Describe how people in your chosen climate zone adapt their lifestyle to their environment.**

4. Why does vegetation differ so much between climate zones?
