

Subject: Social Studies

Grade: 1

IN Standard: Standard 3 – Geography

Students identify the basic elements of maps and globes and explain basic facts concerning the relationship of the sun to daily and seasonal weather. They identify selected geographic characteristics of their home, school and neighborhood.

Standard Indicator: Physical Systems - 1.3.5

Summarize weather patterns in the community, including temperature, precipitation, cloud cover and the amount of sunlight during the different seasons of the year.

Overview

This test is designed to measure first-grade student content knowledge regarding the concept of geography, specifically physical systems. This test was created using the Indiana Academic Standard 3 (Geography) for Social Studies, along with the standard indicator Physical Systems 1.3.5. Various types of selected response items and constructed response items will be administered to accurately gauge student content knowledge.

Test

Multiple-Choice (Selected response, 2 points, 1 point each)

Directions: From the given choices, circle the correct answer for each question.

1. In the state of Indiana, which season typically receives the most amount of sunlight?
 - a. Winter
 - b. Fall
 - c. Summer
 - d. Spring

2. How many different seasons are in a year?
 - a. 12
 - b. 2
 - c. 5
 - d. 4

Matching (Selected response, 3 points, 1 point each)

Directions: Match the terms on the left with the correct definition on the right by putting the correct letter in the blank.

- _____ 3. Climate
- _____ 4. Weather
- _____ 5. Temperature
- a. degree of hotness or coldness that can be measured using a thermometer, measured in degrees on the Fahrenheit or Celsius
- b. average weather conditions at a particular place over a long period of time
- c. the day-to-day conditions of a particular place

True/False (Binary choice, 2 points, 1 point each)

Directions: Fill in the blanks by writing the correct letter, “T” or “F”.

- _____ 6. Rain is water falling in drops from vapor condensed in the atmosphere.
- _____ 7. Clouds are air moving from an area of high pressure to an area of low pressure.

Fill-in-the-Blank (Constructed response, 2 points, 1 point each)

Directions: Fill in the blanks by writing the correct answers. There are no two exact answers.

8. List two temperatures in degrees Fahrenheit that are warmer than 32 degrees Fahrenheit. _____ and _____

Short Answer (Constructed response, 4 points)

Directions: In incomplete sentences, write your answer to the question on the lines provided.

9. Picture yourself sitting outside on a fall afternoon. In bulleted points, list four characteristics (things you may see, feel, hear) about fall. Your answer should include weather patterns such as precipitation, temperature, rainfall; and the environment.

Essay (Constructed response, 10 points)

Directions: In paragraph form, answer the following question(s) on the lines provided.

10. In paragraph form, explain the difference between weather and climate. Then, compare the weather and climate of a typical summer day in Indiana to a typical winter day in Indiana.

Sources

- Cheyenne peer-reviewed my phase 1 test design
- Google searched “weather terms” and “definitions for kids” and found valuable information at a web source, Kids.Net.Au
- Dr. Stuve and Popham provided content knowledge regarding item writing guidelines and absence of bias