

Title: Graph and Compare the Adventure's Temperature vs. Local Temperature

Subject: Mathematics

Grade Level: 4th -6th

Time: 10-15 minutes each Expedition Update

Objective:

Students will demonstrate and apply a knowledge and sense of numbers, patterns and sequential order. Students will compute and estimate using mental mathematics, paper-and-pencil methods and computers

Method:

Analyze weather data submitted by the team. Gather today's temperature for your home location (See Resources). Have students draw a table that will record the temperatures for both the adventure and your home location (See Resources). Continue this throughout the adventure to chart how the adventure's temperature fluctuates in relation to your home temperatures. Come up with a comparison chart to monitor the clothing worn by the students on that day vs. the clothing worn by the adventurers.

Common Core State Anchor Standards

Key Ideas and Details

1. Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.

Integration of Knowledge and Ideas

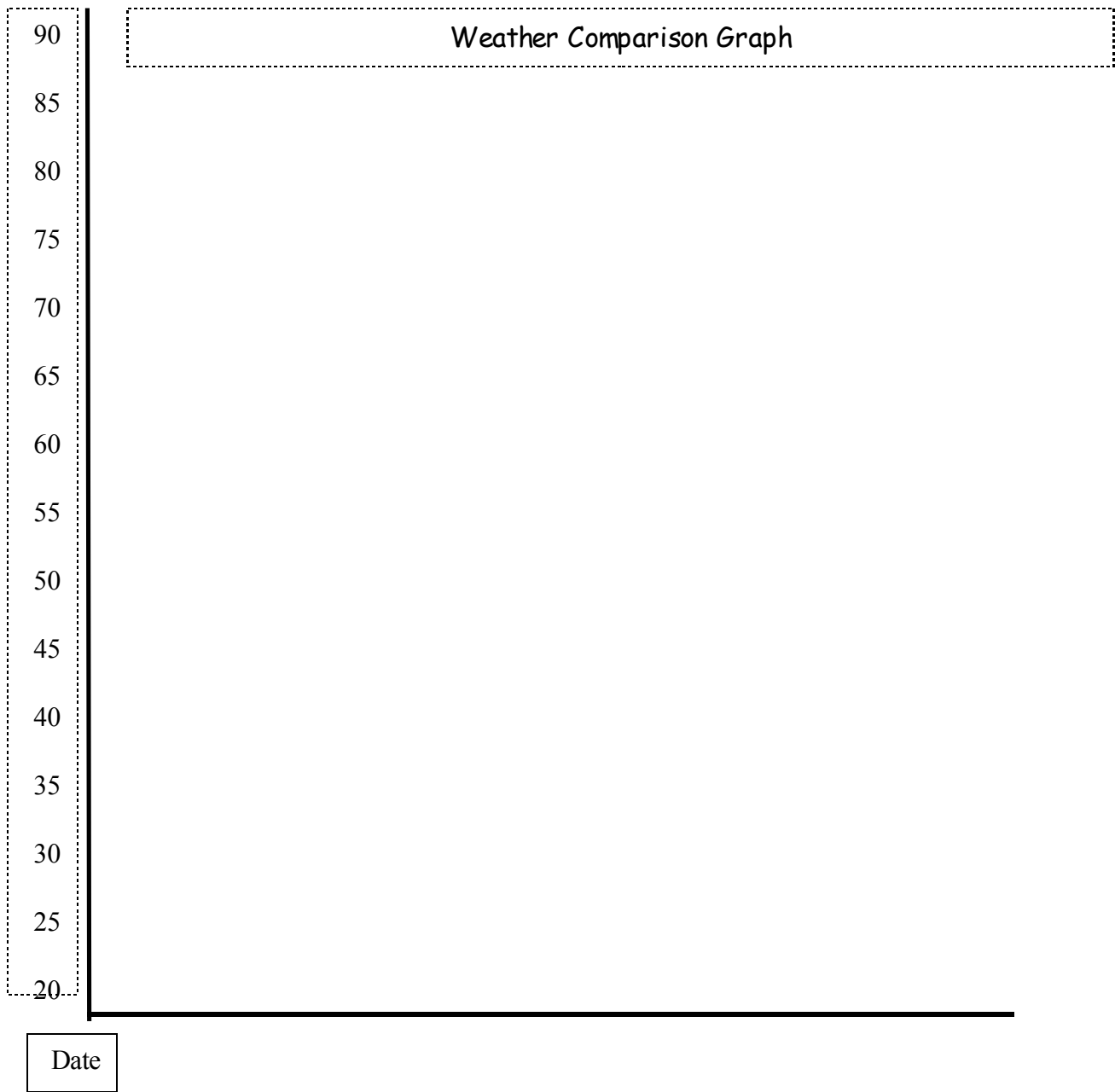
4. Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively, as well as in words.

Range of Reading and Level of Text Complexity

10. Read and comprehend complex literary and informational texts independently and proficiently.

Resources: Use www.weather.com as your resource for finding out local temperature.

Use a table similar to the one below to record your temperature data



COLOR KEY

Wilderness Classroom Temp.	
Home Temp.	

Trail vs. Home Temperature Chart

DATE	Temp (trail)	Temp (home)	Temp Range