Name _____

Ranking Reliability

Directions: Read the following short passage carefully. Four different sources are listed afterward. Each one reports information related to the passage. Rank the sources from **most reliable (1)** to **least reliable (4)**. For each ranking, write a brief explanation (1-2 sentences) of why you placed it in that spot. Remember to consider factors such as **expertise, bias, evidence, and reputation**.

When scientists study climate change, they gather data from many sources, including temperature records, satellite images, and ice core samples. Some groups warn that the Earth's rising temperatures will cause stronger storms and rising sea levels. Others argue that the threat is exaggerated for political or financial reasons. To understand these claims, readers must evaluate who is making them and whether the evidence is supported by trustworthy research. Learning to identify reliable sources is key for anyone who wants to make informed decisions about climate change and its global impact.

A. A peer-reviewed scientific journal article written by climate scientists presenting data from a 20-year study.

B. A social media post from an anonymous account claiming climate change is a hoax, without citing evidence.

C. A government research agency's official report summarizing global temperature trends and supported by data charts.

D. A blog written by a clothing company that sells jackets, arguing that colder winters prove climate change is not real.

Task: Rank the sources **A-D** from most to least reliable. Explain your reasoning for each placement.