

Student Comprehension Worksheet

Directions: Read the online *Science News* "[Greece's Santorini volcano erupts more often when sea level drops](#)," which describes how a computer simulation revealed a hidden relationship between sea level and a volcano's explosive history. A version of the article, "Sea level dips spur volcanic eruptions," appears in the August 28, 2021 issue of *Science News*.

- 1. What is Santorini and where is it located?**

- 2. What was the Santorini volcano like before 1600 B.C.? What happened to the volcano that year?**

- 3. A claim is an assertion of something as a fact, which may or may not be supported by evidence. What is one scientific claim made by the scientist as described by the article?**

- 4. Claims often serve as answers to questions. What scientific question might the scientist's claim attempt to answer?**

- 5. Evidence is the scientific data that are given to support a claim. What information does the article give as evidence? Be sure to state where the evidence comes from.**

- 6. Reasoning is the explanation of why the evidence supports the claim. What reasoning is given in the article?**

- 7. What do the findings mean for the Santorini volcano today, according to scientists?**

- 8. How might the findings apply to other volcanoes?**