

Text-Dependent Questions and Writing Prompt for Complex Text

Article Title: Black Holes

Author: National Geographic

Vocabulary Questions:

1. Explain what *supernovae* are in your own words, using information from the text.
2. What is an *event horizon*? Why might it be called that?

Text Evidence/Content Questions:

1. Explain the relationship between supernovae and black holes.
2. Explain why black holes cannot be seen.
3. If wormholes did exist, what properties might they have?
4. Explain why a black hole the size of our own sun would not necessarily “suck” in objects.

Writing Prompts:

1. Using details and evidence from the text, explain in your own words how a star becomes a black hole.
2. Compare and contrast the lives of normally sized stars with those of giant stars.

