

Name: _____

Hour: _____ Date: _____

Into the Universe with Stephen Hawking

Aliens

Stephen Hawking is a famous scientist who studies physics in Great Britain. Currently there is **no** scientific evidence that life exists outside Earth. In this video, Hawking uses his imagination and explores the possibility of alien life.

1. What could pass life from planet to planet?
2. What is required for a planet to support life? (the key to all forms of life)
3. What planets lie in the Goldilocks Zone in our solar system?
4. Europa is a moon that may have water. What gas giant does it orbit?
5. What year was the first distant planet discovered?
6. Things that eat need a _____.
7. How much water does the average male hold?
8. What could aliens made of gas consume?
9. What is the WOW signal?
10. How long did it take the WOW signal to get to us?
11. Why do we have a slim chance of communicating with aliens if they are out there?
12. What would allow aliens to travel long distances in a blink of an eye?