

Name: _____

Date: _____



GENIUSCHALLENGE

SUN AND OTHER STARS

1. True or false: the sun is the closest star to Earth. _____
2. What is a star? _____
3. Why does the sun appear so large and bright compared to other stars?

4. The distance light travels in a year is called a _____
5. What are two things that stars produce? _____ and _____
6. Why does the star Sirius appear brighter even though it is much smaller than the star Rigel?

7. What makes our sun special?
 - a. It's bigger than other stars
 - b. It's brighter than other stars
 - c. It's the right distance from Earth to support life
 - d. It's part of the Orion constellation
8. What can travel 186,000 miles per second? _____
9. What is one way that ancient people used the stars and constellations?

10. Why might you need a planisphere to help determine which constellations are visible in the sky at a certain time of year?

