

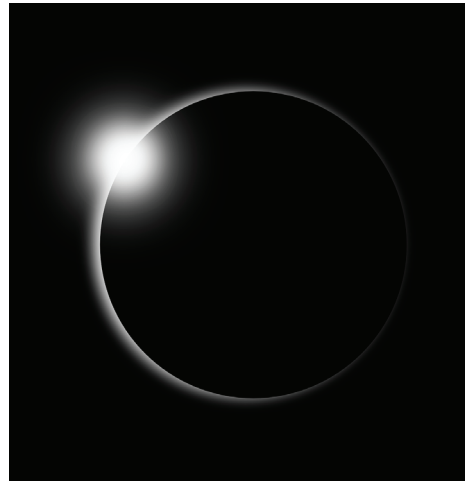
Total Solar Eclipse 2017 Worksheet

The answers to the following questions can all be found by visiting:

<http://www.activewild.com/total-solar-eclipse-2017/>

(Mark the correct answers with a tick.)

1. What type of eclipse will occur on August 21, 2017?
 - A. Solar eclipse ___
 - B. Lunar eclipse ___
2. What happens during a solar eclipse?
 - A. The moon prevents sunlight from reaching Earth ___
 - B. The Earth prevents sunlight from reaching the moon ___
3. When was the last time a total solar eclipse was visible in the United States?
 - A. 1965 ___
 - B. 1979 ___
 - C. 2010 ___
4. What is the unofficial name of the solar eclipse that will occur on August 21, 2017?
 - A. The European Solar Event ___
 - B. The South American Blackout ___
 - C. The Great American Eclipse ___
5. Where should you be if you want to see a total solar eclipse?
 - A. Within the path of totality ___
 - B. Outside of the path of totality ___



6. What is the path of totality?
 - A. The area from which the eclipse cannot be seen. ___
 - B. The path taken by the moon's shadow as it moves over the Earth ___
7. Approximately how wide will the path of totality be on August 21, 2017?
 - A. 10 miles ___
 - B. 50 miles ___
 - C. 70 miles ___
8. How many states will the path of totality pass through?
 - A. 10 ___
 - B. 14 ___
 - C. 48 ___

9. Observers in which state will be the first to experience the total solar eclipse?
- A. Washington ___
 - B. Oregon ___
 - C. California ___
10. How long will it take the moon's shadow to cross the United States?
- A. Under 3 minutes ___
 - B. 60 minutes ___
 - C. 90 minutes ___
11. Observers in which state will be the last to witness the total solar eclipse?
- A. Virginia ___
 - B. North Carolina ___
 - C. South Carolina ___
12. Does the total eclipse last the same amount of time wherever it is seen?
- A. Yes ___
 - B. No ___
13. If you are in the United States but outside of the path of totality on August 21, which of the following will you be able to see?
- A. Partial solar eclipse ___
 - B. Lunar eclipse ___
 - C. No eclipse will be visible outside of the path of totality ___
14. When will the next total solar eclipse be visible in the United States?
- A. 2018 ___
 - B. 2023 ___
 - C. 2024 ___
-