

## Bill Nye: The Sun

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Keep the following questions in mind while watching the video, then answer in full sentences.

1. How many Earths would fit inside the sun?
2. How many Earths would you have to line up to go across the diameter of the Sun?
3. How does the Sun provide us with the energy we need to run our bodies?
4. What does a photovoltaic cell do?
5. What causes a solar eclipse? (Draw a diagram)
6. Where can you find a "solar flare" and how hot does it burn?
7. What does "SPF" mean on suntan lotion bottles?
8. What in your skin protects you from the sun?
9. How much energy (watts) from the sun reaches every square meter of the earth?
10. Where does the sun get its energy?
11. What is a sunspot and how often do they occur?
12. What is the closest star to the earth?