

NOVA - Secrets of The Sun**Name:** _____

1. How many miles is the Sun from the earth?
2. What does C. M. E. stand for?
3. When was Quebec, Canada hit by a C. M. E. wave?
4. In less than two minutes _____ people are left without power by the C. M. E. wave that hit Quebec, Canada.
5. How long does the National Academy think it would take to recover from a Massive C. M. E. event?
6. Approximately how many earths can fit into the sun?
7. What is the temperature in the Sun's Core?
8. The new science of studying the Sun's vibrations is referred to as?
9. How hot is the Sun's Plasma?
10. About how many Hydrogen Bombs worth of energy is created by the Sun every second?
11. The path of the Photons through the Sun's plasma is called the?
12. About how big are the "Granulation Cells" on the Sun's surface?
13. What was launched in Feb 2010 by NASA?
14. The Sun's corona, is made of super -hot plasma that can reach the temperature of?
15. Briefly explain what astronomers believe causes the particles within the corona to heat up?
16. What is a Sun Spot?
17. What does the term "Solar Minimum" refer to?
18. According to the video, when is the next large Solar Maximum due?