

Name \_\_\_\_\_

## The Sun's Magnetic Magic: How it Influences Earth

### Short Answer

1. Explain how the solar wind influences the auroras' appearance in Earth's polar regions.
2. What role does Earth's magnetosphere play in protecting our planet from the solar wind?
3. How can fluctuations in the ionosphere affect communication and GPS systems on Earth?
4. What are magnetic storms, and how can they impact technology on Earth?
5. How do scientists predict and monitor solar activity that may affect Earth's magnetic field?

