1. What kind of energy comes from the Sun?
2. How are electricity and magnetism related?
3. Who was James Clerk Maxwell
4. What is the electromagnetic spectrum? How are its parts arranged?
5. What is a wavelength?
6. What is meant by the frequency of a wave?
7. How do the frequency and wavelength of a wave determine its energy?
8. What does ROYGBIV stand for?
9. Which color of visible light has the shortest wavelength?
10. Which color of visible light has the highest frequency?
11. How can electromagnetic waves carry information? Provide examples.
12. How do microwaves cook our food?
13. How do we protect our bodies from ultraviolet radiation?
14. How are x-rays used to help people?
15. Why do doctors cover patients with a lead blanket when taking x-rays?
16. What is the Aurora Borealis?
17. What causes the northern lights to appear in the sky?