

1. What are two ways that electromagnetic waves differ from sound waves?
2. How are electromagnetic waves produced?
3. What are the lowest energy ElectroMagnetic waves? What are the highest energy EM waves?
4. What is the relationship between wavelength and frequency for EM waves?
5. Which waves from the EM spectrum does the sun emit?
6. Which waves can damage human tissue?
7. Why do doctors sometimes use damaging EM waves as part of cancer treatments?
8. Why might McDonalds use infrared bulbs in their stores?
9. What is the lowest energy EM wave that can penetrate through human tissue?
10. What is the main difference between a visible light wave and a radiowave?