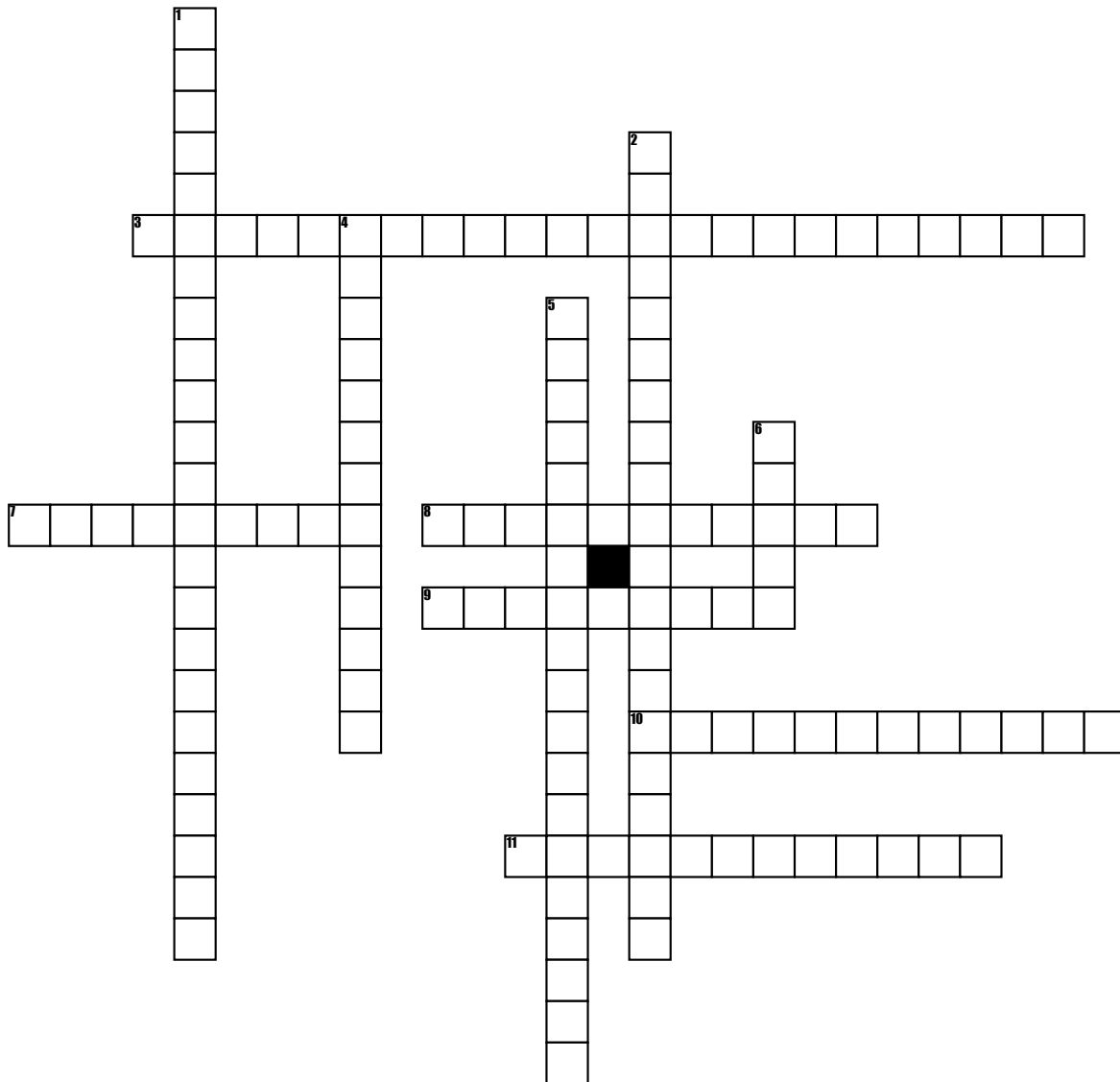


Electromagnetic Waves Crossword



Across

3. The range of electromagnetic waves with different frequencies and wavelengths, increasing in frequency and decreasing in wavelength.

7. The type of wave with the lowest frequency out of all the electromagnetic waves & carries the least energy.

8. Radio waves broadcast by a station at its assigned frequency.

9. Have the highest frequency and carry the most energy. They are produced by changes in the nuclei of atoms. Too much can damage or kill living cells.

10. The type of wave that we feel as heat.

11. Electromagnetic waves that we can detect with our eyes.

Down

1. A system used to locate objects on Earth.

2. Has higher frequencies and carries more energy than visible light. The energy carried by it can be enough to damage or kill cells.

4. The energy carried by an electromagnetic wave.

5. A wave that can travel through empty space or through matter and is produced by charged particles that are in motion.

6. Have higher frequencies than Ultraviolet rays and enough energy to go through skin and muscle. Too much can kill or damage living cells.