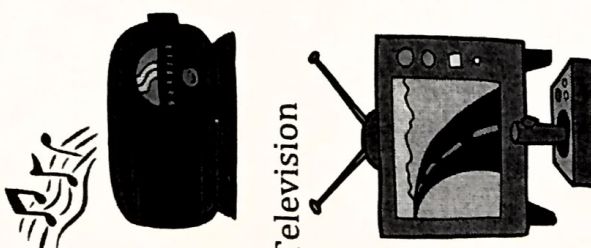





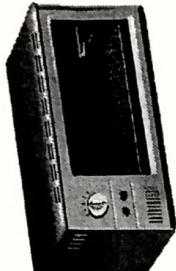

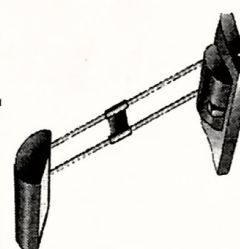
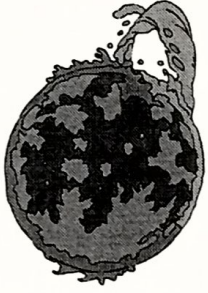
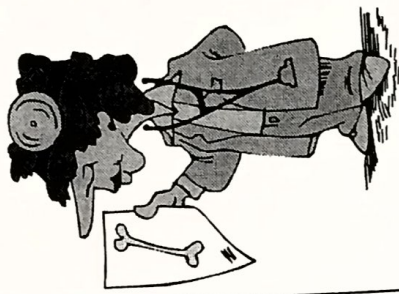


# Electromagnetic Spectrum Facts and Uses Chart

Radio Waves	Microwaves	Infrared Waves	Visible Light	Ultraviolet Waves (UV)	X-Rays	Gamma
<ul style="list-style-type: none"> <li>-Longest and highest waves</li> <li>-Lowest frequencies</li> <li>-Weakest waves</li> <li>-We use these waves for entertainment. They make it possible for us to hear music or see programs.</li> </ul>	<ul style="list-style-type: none"> <li>-Can heat food</li> <li>-Can be used as communication tools</li> <li>-Can also be used by police officers to predict the speed of drivers.</li> <li>- Can locate airplanes</li> </ul>	<ul style="list-style-type: none"> <li>-Produce Heat: Thermal waves</li> <li>-Can be used by security cameras, hunters, or military to see living things at night or dark areas.</li> <li>-Some snakes have the ability to see infrared waves; this makes it easier for them to find their prey.</li> </ul>	<ul style="list-style-type: none"> <li>-Small part of the Electromagnetic Spectrum that humans can see.</li> <li>-We see these waves as colors.</li> </ul>	<ul style="list-style-type: none"> <li>-Can kill microbes, and has been used in some households and hospitals to kill viruses and sterilize equipment.</li> <li>-If humans are overexposed, they can cause sunburns or even skin cancer.</li> </ul>	<ul style="list-style-type: none"> <li>-Doctors use these waves to identify broken bones.</li> </ul>	<ul style="list-style-type: none"> <li>-Shortest waves</li> <li>-Highest frequency</li> <li>-Strongest and most powerful</li> <li>-Over exposure can cause cancer, but some doctors are using gamma waves to kill some types of cancer cells</li> </ul>
<p>Radio</p>  <p>Television</p>	<p>Cell Phones</p>  <p>Microwaves</p>  <p>Radar</p> 	<p>TV Remotes</p>  <p>Night Vision Goggles</p>  <p>Toasters</p> 	<p>Rainbow</p>  <p>ROY G BIV</p>	<p>Black Lamps</p>  <p>Sun rays that enter the atmosphere</p> 	<p>X-Rays</p> 	<p>Released in star explosions and atomic bomb explosions.</p> 