Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hr\_\_\_

**What are waves?**

Pp 528-536

Directions: Read each “chunk” in your textbook. In the provided space write a brief summary, draw an illustration, or give a real world example (your teacher will tell you which one(s).

* **What are Waves?**
	+ **A Source of Energy**
	+ **Energy Transfer**
	+ **How Waves Transfer Energy**
* **Mechanical Waves**
	+ **Transverse Waves**
	+ **Longitudinal Waves**
	+ **Vibrations and Mechanical Waves**
* **Types of Mechanical Waves**
	+ **Sound Waves**
	+ **Water Waves**



* + **Seismic**
* **Electromagnetic Waves**
	+ **Types of Electromagnetic Waves**
	+ **Electromagnetic Waves and Objects**
	+ **Electromagnetic Waves from the Sun**

