Human Body Test Review Guide

**Levels of Organization**

1. **Cell** – smallest unit of a living thing
	1. **Organelles –** make up cells, cannot live on own
2. **Tissue** – Group of similar cells working together
3. **Organ** – Group of tissues that perform a specific function
4. **Organ system** – group of organs that perform a specific task
5. **Organism** – living thing

**What’s Happening Inside**

1. *Organ –* A group of tissues that performs a specialized task.
2. *Structure –* Organization, construction and arrangement of tissues, parts or organs.
3. *Organ Systems –* Group of organs performing similar task
	1. Digestive – break down and absorption of food and nutrients
	2. Respiratory – exchange of oxygen and carbon dioxide
	3. Excretory – removal of liquid waste
	4. Circulatory – transport of food and nutrients around body
	5. Nervous – responding to environment, control
	6. Skeletal – support and protect body
	7. Muscular – help body move
	8. Endocrine – produce and release hormones to regulate body
	9. Immune and lymphatic – help body fight disease and infections
	10. Reproductive – produces sex cells and allow for reproduction
4. *Homeostasis (AKA regulation, maintain equilibrium)*
	1. Processes in body to help keep a stable internal environment
		1. Ex. Sweating when hot, taking in O2 and removing CO2, insulin to control blood sugar