**The Digestive System Notes**

**Function**

* Break down \_\_\_\_\_\_\_\_\_\_\_ taken in to the body
	+ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ digestion
	+ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ digestion
* Absorb \_\_\_\_\_\_\_\_\_\_\_\_\_\_ that has been broken own
* Absorb \_\_\_\_\_\_\_\_\_\_\_\_\_\_ that is taken in to the body
* Eliminate indigestible \_\_\_\_\_\_\_\_\_\_\_\_\_

**Components**

<http://www.argosymedical.com/Digestive/samples/animations/Sherwood%20Swallowing/index.html>

* ­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	+ \_\_\_\_\_\_\_\_\_\_\_\_\_ – mechanically break down food
	+ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ glands – saliva chemically breaks down food – contains \_\_\_\_\_\_\_\_\_\_\_\_\_ amylase to break down starch
	+ \_\_\_\_\_\_\_\_\_\_\_\_ – mixes food with saliva and \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the pharynx to be swallowed
	+ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ –
		- food passes through the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
		- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ closes over trachea
		- food enters \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	+ \_\_\_\_\_\_\_\_\_\_ that passes food from the pharynx to the stomach
	+ lined with smooth muscle – moves food by waves of contractions called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	+ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ acid – continue chemical digestion
	+ Smooth \_\_\_\_\_\_\_\_\_\_\_\_ of stomach contracts and relaxes to continue \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ digestion
	+ It takes 2 – 4 hours for food to pass through the stomach to the small \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	+ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ – lump of food that leaves the stomach
* \_\_\_\_\_\_\_\_\_\_\_ – Works to make \_\_\_\_\_\_\_. Bile is used to break down \_\_\_\_\_\_\_ in the small intestine.
* \_\_\_\_\_\_\_\_\_\_\_\_ Bladder – where bile

is \_\_\_\_\_\_\_\_\_\_\_\_\_ until needed

* Pancreas – secretes enzymes to

continue the chemical digestion of food

* Small \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	+ \_\_\_\_\_\_\_\_\_\_ that leads from the stomach to the large intestine
	+ Chemical \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ finishes
	+ Minerals and nutrients are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	+ It takes 3 – 6 hours for \_\_\_\_\_\_\_\_\_\_\_\_ to pass through the small intestine
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Intestine
	+ \_\_\_\_\_\_\_\_\_\_\_\_\_ that connects the small intestine to the anus
	+ Remaining \_\_\_\_\_\_\_\_\_\_\_\_ is absorbed from the chyme
* \_\_\_\_\_\_\_\_\_\_\_\_
	+ Opening through which \_\_\_\_\_\_\_\_\_\_\_\_\_ is removed from the digestive system
	+ It takes 24 – 72 hours for food to move through the entire \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ system

<http://www.argosymedical.com/Digestive/samples/animations/Digestion/>