Digestive System Notes (Ingenuity)

Do Now:

Digestion In Simple Animals:

Animals with only one digestive tract opening: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Digestion in Annelids

Order of organs: Mouth 🡪 Pharynx 🡪 Esophagus 🡪 \_\_\_\_\_\_\_\_\_ 🡪 \_\_\_\_\_\_\_\_\_\_\_ 🡪 intestine 🡪 anus

Crop: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Gizzard: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Human Digestive System

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the tube through which food travels, beginning with the mouth and ending with the anus.

The system also includes \_\_\_\_\_\_\_\_\_\_ which produce \_\_\_\_\_\_\_\_\_\_\_\_ and other substances that aid digestion.

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| Organ | Important Functions | Enzymes & Other Structures |
| Mouth | Mechanical digestion:  Bolus:  Pharynx (throat) located between mouth and esophagus | Salivary Glands:  Salivary Amylase: |
| Esophagus: | Epiglottis:  Peristalsis: | Cardiac Sphincter: |
| Stomach | Continues \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Low pH: why?  Post-stomach, food is called \_\_\_\_\_\_\_\_ | Hydrochloric acid:  Pepsin:  Mucus:  Pyloric Sphincter: |
| Small Intestine | Duodenum:  Jejunum & Illeum: |  |
| Small Intestine (Duodenum) | \_\_\_\_\_\_\_\_\_ produces \_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_ produces \_\_\_\_\_\_\_\_\_\_\_  And \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Bile: |
| Small Intestine (Jejunum & Illeum) | Function: | Villi: |
| Large Intestine (colon) | Water reclamation  *E. coli*: | Rectum: |





