

Digestive System Information

ON THE LAB: 3 Additional Labels MUST be present

1. Make sure that you label the names of the enzymes that are doing the digestion. For the quiz just knowing that sugars are digested will not be enough. You will need to know terms like maltase and amylase and which one is located where. Behind the name of each enzyme identify where it is produced so on the sugar digestion picture that goes in the mouth you would write the following:

Amylase (Salivary Glands)

Note that some pictures will have more than one enzyme. For example more than one enzyme is helping to digest the lipids in the small intestine. Both need to be labeled.

2. Label whether the organs involved in the alimentary canal (gastrointestinal tract) are using M (mechanical) or P (physical) or B (both) types of digestion.
3. Label all accessory organs with a large A.

Objectives to Study for the Quiz (MONDAY!)

1. Identify the organs that food passes through and the order in which they pass during the digestive process.
2. Identify the organs that are accessory organs.
3. Describe the structure and function of each organ in the digestive system. Be able to locate each organ in a diagram of the system.
4. Understand the purpose of enzymes. Describe where each enzyme is located, what organ it was produced in and what macromolecule it digests.
5. Identify the name of the digested food as it progresses through the system.

Word Bank -

Stomach	Chyme	Feces
Mouth	Peristalsis	3 Salivary Glands
Pepsinogen	Bolus	3 Sphincters
Pepsin	Jejunum	Epiglottis
Hepatic Portal Vein	Colon	Duodenum
Esophagus	Minerals	Anus
Vitamins	Small Intestine	Liver
Gallbladder	Ileum	Appendix
Common Bile Duct	Glucagon	Insulin
Glycogen	Maltase	Trypsin
Amylase	Lipase	Bile
Chemotrypsin	Villi	Lacteals