

Makes + releases Amylase (a chemical that breaks down starchy foods)

Moves food around in the mouth to help break it down + mix it with saliva

Salivary Glands

Tongue

Aka: food tube - long muscular tube that squeezes food down into the stomach

Esophagus

muscle bag: mixes to create chyme (soup like mixture) + powerful acids to break down food (HCl)

Stomach

- Make bile + other digestive enzymes
- Detoxes the body
- Cleanses the blood

Liver

stores bile from liver to help break down fats

Gallbladder

Pancreas

makes insulin + releases enzymes into the small intestine to make food nutrients less acidic

1st part of the small intestine

Duodenum

Transverse Colon

Ascending Colon

Jejunum

- Absorb H<sub>2</sub>O, minerals, compacting of solid wastes
- contains bacteria (E. coli) helps aid digestion, produce vitk for blood clotting
- "odor" of feces

Cecum

Appendix

Ileum

Descending Colon

Sigmoid Colon

Rectum

store solid waste products until ready to excrete

Anus

- sphincter
- exit for feces
- feces - solid waste products

Small Intestines

- duodenum, jejunum, Ileum
- absorption of nutrients into the bloodstream
- dark blue Duodenum
- turquoise Anus
- black
- blue green Descending Colon
- green purple Jejunum

- dark blue Ascending colon
- (clear) Gall bladder
- light blue Stomach
- gray Cecum
- brown Rectum
- yellow Pancreas

- Sigmoid Colon
- Appendix yellow
- Liver magenta
- Ileum orange
- Transverse Colon red

- villi - finger like projections to ↑ surface area for absorption
- all useable nutrients are absorbed here.

Colon = large intestine