

Bio 160

Part 2 Concept Map Terms

Digestive System Concept Map

Key Term: Digestive Function

Terms to Link:

Motility

Peristalsis

Segmentation

Haustral churning

Mass movements

Ingestion

Defecation

Digestion

Chemical

Enzymes

Salivary amylase

Lingual lipase

Pepsinogen

Pepsin

Trypsin

Chymotrypsin

Procarboxypeptidase

Pancreatic amylase

Pancreatic lipase

Bile

Bacteria

Mechanical

Teeth

Churning

Absorption

Nutrient molecules

Carbohydrates

Glucose

Galactose

Fructose

Lipids

Fat Soluble Vitamins

A,D,E,K

Lacteals

Lymphatic system

Amino acids

water

Secretion

Hormones

Gastrin

CCK

Secretin

GIP

Mucus

HCl

Components

Accessory Organs

Salivary Glands

Pancreas

Liver

Gall Bladder

GI Tract (alimentary Canal)

Mouth

Pharynx

Oropharynx

Laryngopharynx

Esophagus

Lower esophageal sphincter (cardiac sphincter)

Stomach

Fundus

Body

Pylorus

Pyloric sphincter

Small intestine

Duodenum

Jejunum

Ileum

Ileocecal sphincter (valve)

Cecum

Appendix

Colon

Ascending

Transverse

Descending

Sigmoid

Rectum

Anus

Internal anal sphincter

External anal sphincter

Urinary System Concept Map

Key Term: Urinary System

Terms to Link:

Kidney
Ureter
Bladder
Urethra
Nephron
Renal corpuscle
Glomerular capillaries
Glomerular capsule
PCT
DCT
Loop of Henle (nephron loop)
Collecting Duct
Minor calyx
Major calyx
Renal pelvis
Glomerular filtration
Tubular reabsorption
Tubular secretion
Retroperitoneal
Hilus
Renal artery
Renal vein
Peritubular capillaries
JGA
Renin
Diabetes
Glucose
Bicarbonate
Micturition
Transitional epithelium
Podocytes

Same applies for these two concept maps... use the terms provided and create your own connecting terms.