DIGESTION Cognitive Map

	Structures	Chemicals	What Happens Here (be specific about food types, process, movement, terminology)
MOUTH	**uvula** hangs down from soft palate to close off respiratory tract when swallowing so food goes into esophagus **3 pairs of salivary glands:** (parotid, submandibular, and sublingual) secrete 1000-1500 mL of saliva/day (mostly water)	**salivary amylase** is an enzyme in saliva that begins digesting starch & complex CHO (carbohydrates)	**Teeth** are used to begin the mechanical breakdown of all food in the mouth: 20 baby (deciduous), 32 permanent teeth – (crown is made of dentin, root contains pulp cavity) **Saliva** is used to moisten the food and get it ready for swallowing (deglutition) – movement into the esophagus. Saliva also has an enzyme that begins chemical digestion of carbohydrates (begins breaking apart polysaccharides).
STOMACH	**rugae =** **4 regions:**	**mucous cells secrete:** **parietal cells secrete:** **chief cells secrete:**	
PANCREAS (accessory organ)		**pancreatic juice contains:**	

Turn the page over for more!

	Stuctures	Chemicals	What Happens Here?
LIVER & GALL BLADDER (accessory organs)		**bile** is made by the liver, and stored in the Bile contains:	
SMALL INTESTINE	**3 regions:** **villi =** **2 kinds of movement:**		**Absorption =**
LARGE INTESTINE (colon)	**regions:** **taenia coli =** **haustra =**		