BODY SYSTEMS

DIGESTIVE SYSTEM

The main function of the digestive system is to change food, through chemical action, into substances the body can use.

Tongue ----

Moves food around

Esophagus ----

Passageway for food between mouth and stomach.

Liver ——

Produces digestive juice called bile,

Gall Bladder <

Stores bile until needed for digestion.

Duodenum ----

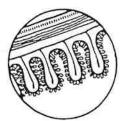
First 10–12 inches of the small intestine.

Appendix -

An organ that no longer has a function in your body.

Rectum -

Lowest part of large intestine—solid waste held until released from the body.



Enlarged picture of inside of small intestine showing the villi that line the walls.

Salivary Glands

Secrete juices into the mouth.

Stomach

Stores food while nenzymes break down food for further digestion.

Pancreas

Produces pancreatic juices to further break down food in digestion.

Small Intestine

Nutrients for the body are absorbed and moved into blood stream. Here the process of digestion is completed.

Large Intestine

Absorbs water, leaving more solid material which body cannot use. Indigestible material is stored for approximately 24 to 30 hours before leaving body.

Anus

Skin opening that expels waste from body,

Name	

BODY SYSTEMS

DIGESTIVE SYSTEM

Use the illustration on page 4. Fill in the blanks as you follow the process of digestion.

1.	1. Food is the body's fuel. The materials the body needs to run properties of changing food to substances to the consume. The process of changing food to substances to the consume.	erly come from the food and he body can use is called	
2.	2. Digestion begins in the The instant food enters the n send secretions in to begin changing starches into usa	nouth, the ble sugar.	
3.	The moves food around. Teeth further break up food into small pieces and reduce it to a small, soft ball ready for swallowing.		
4.	4. Food moves down the	ed temporarily, and further the stomach. They also act to the food while strong food is broken down into a	
5.	5. At this point, some of this digested "food" is absorbed into the		
	6. The rest is slowly released into the end of the stomach called the pylorus. This "door" is necessary to long enough to be digested.	through a "door" at the	
	7. As the semi-digested food passes into the next 10 or 12 inches of it is further acted upon by digestive juices.		
8	8. Bile from the is stored in the	· .	
9	9. Bile is released to break down fats. The	oroduces pancreatic juices and a gerlike projections called villi	
10	10. Water is absorbed in the, le which cannot be used. This waste has not been digested.	aving the more solid material	
11	11. It will finally be released from the body through the	and an all all and an all all all all all all all all all	
	in the skin called the	_ and expelled out an opening	