

The Digestive System

Name _____

The digestive process begins in the mouth as food is mixed with _____ and broken down into _____ and simple sugars. _____ chop and grind up food to make it easy to swallow. This mashed food is pushed by the _____ and carried to your stomach through the _____.

The stomach is a J-shaped bag with a muscular lining. These muscles, along with strong chemical juices, (enzymes and _____ acid) mix and break down food into a thick liquid. The stomach is coated with a thick layer of _____ that is renewed every 3 days so it cannot digest itself. This thick liquid travels from the stomach to the _____ intestine where food is converted into vitamins and nutrients. In an adult, the intestines are about _____ metres long.

The biggest internal organ, the _____, converts food into energy. Vitamins and minerals collect here and travel into the bloodstream. Excess water is removed in the _____ intestine and solid waste leaves the body through the _____.

Excess water and chemical build up in the blood are filtered out by the _____ and sent to the bladder to be disposed on as urine.

Every day your digestive system handles 10 litres of food and drink. Only _____ ml leaves your body as waste.

The main function of the Digestive System is the chemical and _____ breakdown of food into molecules small enough to pass into cells.

The main organs that make up the digestive system are _____, _____, _____, and _____.

The major tissues of the digestive system are _____, _____, _____, and _____.