

Task: Complete the table to show your understanding of the parts of the digestive system and their functions.

Name of Organ	Is the digestion in this organ chemical, physical or both?	Function - what is the job of this organ?	How does the structure of the organ relate to its function? (What features has the organ got so it can do its job?)
M			
G			
S			
S I			
L I			
R			

Suggested answers

Name of Organ	Is the digestion in this organ chemical, physical or both?	Function - what is the job of this organ?	How does the structure of the organ relate to its function? (What features has the organ got so it can do its job?)
Mouth	Both	To start digestion by chewing food (physical or mechanical digestion) and mixing with saliva (chemical digestion).	Teeth break down food into smaller chunks to help swallow it. Salivary glands add saliva to start the chemical digestion of the food.
Gullet	Passes through in seconds.	Pass food to the stomach.	Pushes food down into the stomach.
Stomach	Both	Mixes food with digestive juices and acids.	Muscular bag to help churn and mix food for quicker digestion.
Small intestine	Chemical	Adds digestive juices from the liver and pancreas to complete digestion. Nutrients are absorbed into bloodstream.	Villi increase the surface area so more nutrients can be absorbed into the bloodstream.
Large intestine	Digestion finished by this point.	Water passes back into the body leaving behind the undigested solid waste.	Muscles in the wall squeeze undigested waste along the intestine.
Rectum	Digestion finished by this point.	Faeces are stored here before leaving the body through the anus.	Expands to store the solid waste until enough is collected to be expelled by the body.