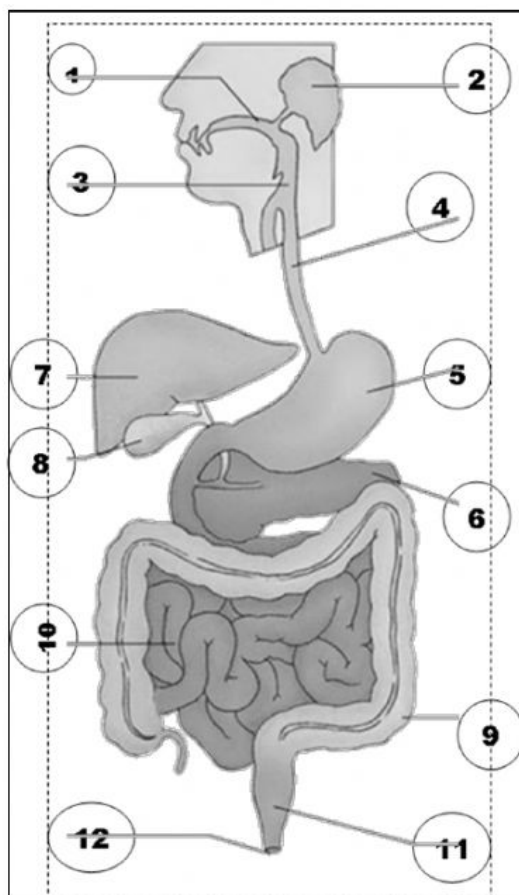




1U – PART 1 SCIENCE

UNIT ACHIEVEMENT INDICATOR



Drag and Drop next to each number the correct description of the digestion Process.

Digestion begins in the **mouth** with both mechanical and chemical digestion. Teeth break and crush food, as you chew, food is moistened by **SALIVA**.

The food moves to the **large intestine** and removes water from mostly digested food, absorbs vitamins, and turns food waste into semi-solid waste called **feces**. Some bacteria live here and produce vitamins.

The **gall bladder** stores and concentrates bile for digestion process.

The **pancreas** makes fluids that break down every type of material found in foods: **protein, carbohydrates, fats and nucleic acids**.

Salivary glands produce saliva which contains enzymes.

The food moves through the throat and into a long tube called the **esophagus**. Waves of muscle contractions called peristalsis move the food into the stomach.

The **liver** makes and releases a mixture called bile that is stored in the **gall bladder**. Bile breaks up large fat droplets into very small fat ones.

Food passes through the **throat** to the esophagus.

The **stomach** is a muscular bag that crushes food and contains acids and enzymes for breaking down food. The walls of stomach can churn and mix food.

The **rectum** stores feces until it can be expelled.

Feces pass to the outside of the body through an opening called the **anus**

After a few hours, food is reduced to a soupy mixture called "**chyme**" and passes into the **small intestine**, that is a muscular 7 meters tube where most chemical digestion takes place and most nutrients are absorbed.