



# Internal Organs of the Human Body

## 1. What Are Internal Organs?

- Internal organs are located inside our body.
- They play a vital role in our survival by performing different functions.
- A group of organs form an organ system.
- An organism (like humans) is made up of different organ systems.

## 2. Important Internal Organs and Their Functions

### Brain

**Location:** Inside the skull (protected by it).

**Function:**

Controls the entire body. Receives signals from sense organs. Sends information to other body parts. Helps us think, learn, and store information.

Controls functions like:

- Breathing
- Digestion
- Muscle control
- Emotions
- Heartbeat

### Heart

**Location:** In the centre of the chest, slightly tilted to the left.

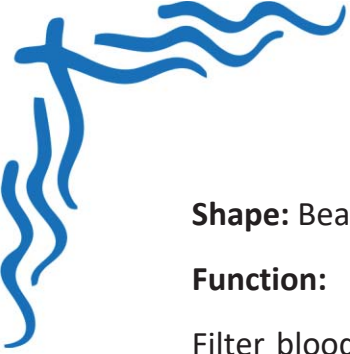
**Appearance:** Red-brown, muscular organ.

**Function:**

Pumps blood throughout the body. Works day and night without stopping. Beats about 72 times per minute. Circulates blood through blood vessels (arteries and veins).

### Kidneys

**Location:** On both sides of the backbone, below the ribcage.



**Shape:** Bean-shaped organs.

**Function:**

Filter blood to remove waste. Filter water and salts from the blood. Send waste to the urinary bladder to be excreted as urine.

## Liver

**Location:** On the right side of the stomach.

**Appearance:** Largest gland in the body.

**Function:**

Secretes bile juice to aid digestion. Breaks down fats. Filters toxins from the blood. Controls blood sugar levels.

## Stomach

**Location:** Below the ribs, connected to the food pipe (oesophagus).

**Shape:** Muscular, elastic, pear-shaped bag.

**Function:**

Main organ for digestion. Secretes gastric juices that help break down food. Connects to the small intestine for further digestion.

## Bones

**Location:** Throughout the body.

**Number:** 206 bones in the human body.

**Function:**

Form the skeletal system. Provide strength and support. Protect softer organs:

- Skull protects the brain.
- Ribcage protects the heart and lungs.

Help in movement by supporting muscles.

## Fun Fact:

- The "funny bone" is not a bone—it's a nerve at the elbow.
- When you hit it, you feel a tingling sensation.