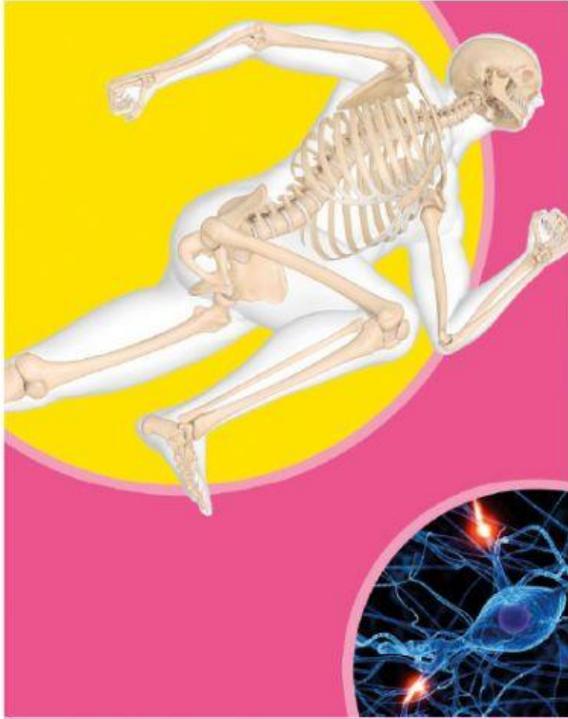


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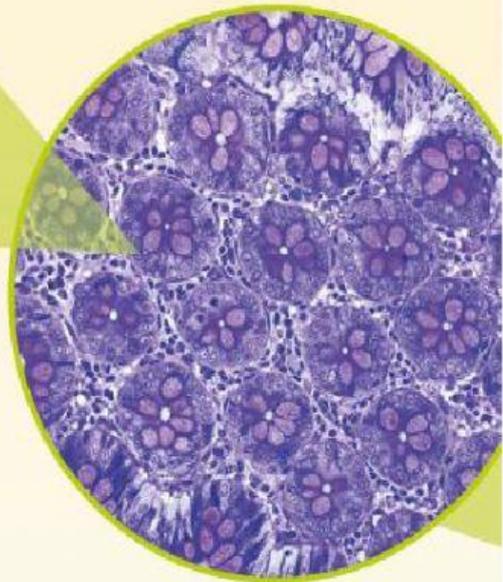
Human Body

Our bodies are made up of cells, organs, and systems. All these parts have important jobs to do to keep us living and moving.



Cells

Each type of cell is a different shape and size depending on the job it does. The intestines contain ruffled cells that absorb nutrients from food.



Tissues

Cells join together to make different types of tissue. The intestines are made up of four types of tissue. These include muscles that push your food through the intestines.

What is my body made of?

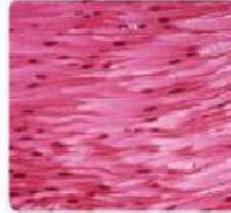
Everything in the body is made from tiny parts called cells. Lots of cells joined together make a tissue. Tissues work together as organs. Organs join together in systems. Everything has a job to do to keep the body working.

What jobs can cells do?



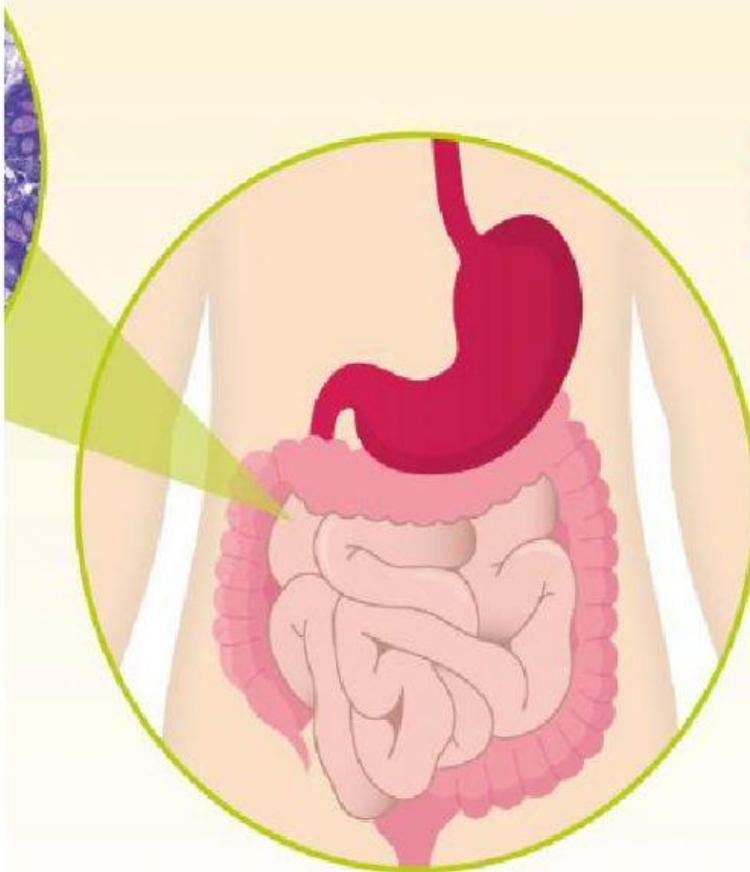
Carry signals

Nerve or neuron cells have lots of branches. Nerve cells connect together to carry electrical signals to the brain from all over the body.



Move things

Muscle cells use energy to tighten and become shorter. When they relax they go back to being long again. This lets them pull body parts around, such as your arms and legs.



Organ systems

Organs work together in groups called systems. The intestines are part of the digestive system. This system includes the organs that process food.

Stem cells can turn into skin, muscle, or blood depending on what your body needs.



Quick quiz

1. Which body cells are round and doughnut-shaped to carry oxygen?
2. Which body system processes food?
3. What is the heaviest organ in the body?

See pages 132–133 for the answers

Answers