

Human Body Basics

Four students are working on a human body project for their science class. They cannot agree on the basic unit of structure and function in the human body where basic life processes are carried out. These basic processes are getting energy from food, removal of waste molecules, response to stimuli, movement, reproduction, growth, and repair. They debate their ideas as follows:

Paul: Tissues are the basic unit of structure and organs are the basic unit of function.

Tia: Cells are the basic unit of structure and organs are the basic unit of function.

Margy: Cells are the basic unit of structure and function.

Rae: Organs are the basic unit of structure and function.

Which student do you agree with? Describe your thinking. Provide an explanation for your answer.

