

TCAP 7th Grade Science Parent-Student Practice Assessment

Question 1

Standard 7.PS3.2

How does food help the human body grow and work?

- A. It stores food in the body's cells.
- B. It provides materials and releases energy.
- C. It uses up all chemicals in the body.
- D. It keeps waste from building up.

Question 2

When a person eats food, what happens to the molecules inside the food?

- A. They disappear after being swallowed
- B. They are broken down and used to build new body molecules
- C. They turn into water only
- D. They stay the same and are stored forever

Questions	Answers	Explanations
1	B	Food is broken down through chemical reactions that release energy and form new molecules the body uses for growth and repair.
2	B	Food is made of molecules that the body breaks apart. The body uses these smaller pieces to build new molecules for growth and to release energy the body needs.

Question 3
Standard 7.LS1.2

Which organism has many different kinds of cells?

- A. A paramecium
- B. A mushroom
- C. An amoeba
- D. A bacterium

Question 4

Which statement best explains how unicellular and multicellular organisms get what they need?

- A. Both use the same number of cells to do every job
- B. Unicellular organisms use one cell to do all jobs, but multicellular organisms have many cells with different jobs
- C. Only multicellular organisms can get food or water
- D. Unicellular organisms do not need to remove waste

Questions	Answers	Explanations
3	B	A mushroom is multicellular with many different cell types, while a paramecium, amoba, and bacterium are unicellular.
4	B	A unicellular organism has one cell that must do every job (getting food, removing waste, reacting to the environment). A multicellular organism has many specialized cells , each doing different tasks to help the whole organism survive.