

Warm Up to Science

TEKS-Based Engagement Activities

Grade 7



Reporting Category: Organisms and Environments

TEKS

7.12C: The student is expected to recognize levels of organization in plants and animals, including cells, tissues, organs, organ systems, and organisms.

Answer

1. brain, red blood cell, lung, skin (not an organ)
2. circulatory, respiratory, nervous, liver (not an organ system)
3. heart, elephant, human, tree (not an organism)
4. blood, cell membrane, chloroplast, cell wall (not a cell organelle)
5. esophagus, eye, stomach, small intestine (not a digestive system organ)
6. heart, white blood cell, neuron, red blood cell (not a cell)
7. bacteria, grass, cats, fish (not multicellular/not eukaryotic)

Teacher Notes

Living things are made of one or more cells. Bacteria are examples of one-celled, or unicellular, organisms. All of the functions needed for life are performed by these unicellular organisms. In contrast, multicellular organisms like dogs and humans contain many specialized cells that work collectively in tissues. Tissues working together form an organ. Groups of organs working together are an organ system. An organism contains many different organ systems.

79: Odd One Out—Levels of Organization
TEKS 7.12C

Select the word or phrase that does NOT belong with the group. Explain why it does not belong. The first one has been completed as an example.

1. brain, red blood cell, lung, skin (not an organ)
2. circulatory, respiratory, nervous, liver (not _____)
3. heart, elephant, human, tree (not _____)
4. blood, cell membrane, chloroplast, cell wall (not _____)
5. esophagus, eye, stomach, small intestine (not _____)
6. heart, white blood cell, neuron, red blood cell (not _____)
7. bacteria, grass, cats, fish (not _____)

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