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### EASY-MARKING<sup>™</sup> ANSWER KEY

### 

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- Enter pass code CC4516D



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Cells, Skeletal System & Muscular System CCP4516-1



examples of unicellular organisms. The largest unicellular organism is the ostrich egg! **Multicellular Organisms** Almost all of the living things we see around us are **multicellular organisms.** They are made of more than one cell. Every plant and animal, including humans, are multicellular organisms. Some multicellular organisms are only a few cells but most are **billions** of cells. Did you know that a baby is born with 26 billion cells, but by the time it is an adult it will be made of close to 100 trillion cells. Cells that make up multicellular organisms are **specialized**. They do only certain jobs and need all the other cells to do their own specialized jobs too. Working together, all the cells keep the organism alive and healthy. For example, the cells in our eyes help us see but cannot help us breathe. We need the cells in our lungs for that. Look around you. List FIVE things you see that are made of cells. Tell whether each thing is UNICELLULAR or MULTICELLULAR. 8 © CLASSROOM COMPLETE Cells, Skeletal System & Muscular System CCP4516-1 After You Read Cells - The Building Blocks of Life NAME: \_ 3. Why are cells considered the building blocks of life? 4. How can a unicellular organism eat, move and breathe when it is only one cell in size? 5. Which statements describe multicellular organisms and which statements describe unicellular organisms? Color the cell that matches the statement. Unicellular Multicellular Feature Organism Organism a) These living things are very simple  $(\mathcal{Y})$ **b)** Every plant and animal is this - )) c) The cells of this organism are speci alized

🚺 Reading Passage

Cells - The Building Blocks of Life

ulticellular organisms

bacteria

Some living things are very simple and are only one

specialized

different

Cells - The Building Blocks of Life

unicellular organisms

1. Fill in each blank with a term from the list.

amoeba

billions

cell

alive

microscope

humans

called \_\_\_\_\_\_. These are very small and in most cases can only be seen with





Research

NAME: \_\_\_\_

Cells are called the building blocks of

Some living things are very simple and

**unicellular organisms.** This one cell is able to do all the things needed to keep the organism healthy and alive.

are only one cell in size. These are called

The cell can move, eat, breathe, remove waste and reproduce. There are many unicellular organisms in the world but

most are far too small to see without a

microscope. Amoeba and bacteria are

life because every living thing in the

world is made of cells.

**Unicellular Organisms** 

- 6. Cancer is a disease that affects humans. It is caused by the uncontrolled growth and spread of cells in the body. Your task is to investigate cancer in humans. Collect information about cancer cells (What do they look like? How do they grow? How do they harm the human body?). Then, find out some of the most common **treatments.** Write your findings in a one-page report. Include pictures that you find of cancer cells, or illustrate them.
- 7. Tap water is treated so that humans will be safe from harmful unicellular organisms that may live in it. Find out where the tap water in your home comes from (i.e., a nearby lake? an underground reservoir?). Then find out how the tap water in your area is treated. List some of the main unicellular organisms that this treatment protects you from. You can look for your information on the Internet. Or, you may need to ask your teacher to help you contact someone who works for your town or city in water treatment.

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3. Why are cells considered the building blocks of life?

- 4. How can a unicellular organism eat, move and breathe when it is only one cell in size?
- 5. Which statements describe multicellular organisms and which statements describe unicellular organisms? Color the cell that matches the statement.

Feature	Unicellular Organism	Multicellular Organism
a) These living things are very simple	0	$\bigcirc$
<b>b)</b> Every plant and animal is this	Ō	Ő
<b>c)</b> The cells of this organism are specialized	Ō	)
<ul> <li>d) Most of these organisms are too small to see without a microscope</li> </ul>	Ō	0
e) Amoeba and bacteria are examples	0	$\bigcirc$
f) You are an example	0	$\bigcirc$

- 6. Cancer is a disease that affects humans. It is caus a by the uncontrolled growth a spread of cells in the body. Your task is to investigate cancer in humans. Collect information about cancer cells (What do they look like? How do they grow? How do they harm the human body?). Then, find out some of the most common **treatments**. Write your findings in a one-page report. Include pictures that you find of cancer cells, or illustrate them.
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All living things are made

It can do everything an organism needs to do to

stay alive and healthy

5

Answers will vary

7.

Answers will vary

a) skull

f) ribs

j) pelvis

**p)** fibula

c) clavicle

of cells





