

TEACHER GUIDE

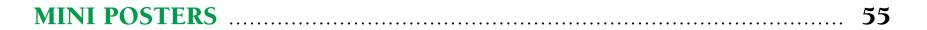
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STUDENT HANDOUTS

 Reading Comprehension 	
1. What Is a Cell?	7
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6 BONUS Activity Pages! Additional worksheets for your students

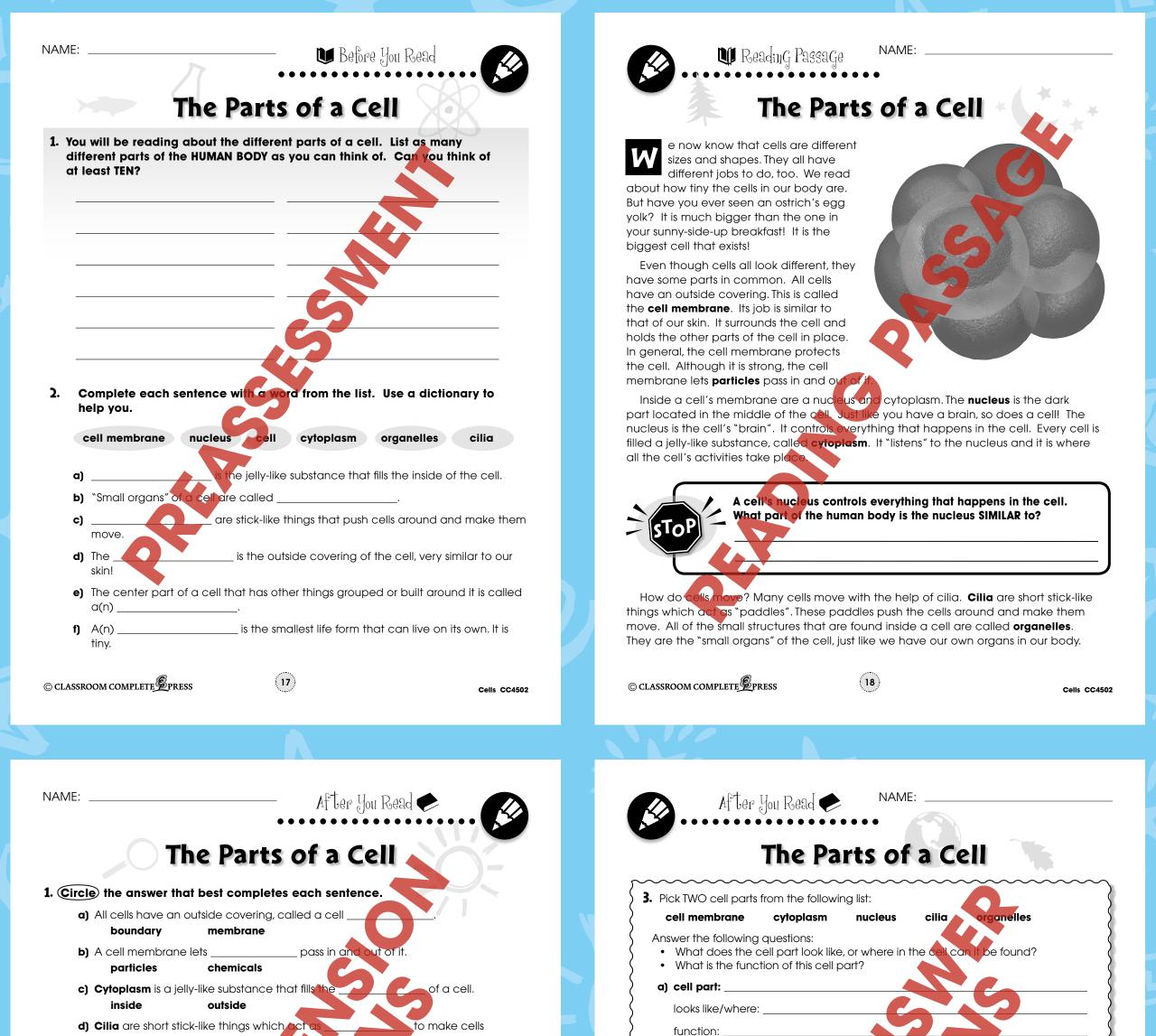
- Go to our website: www.classroomcompletepress.com/bonus
- Enter item CC4502 or Cells
- Enter pass code CC4502D for Activity Pages.

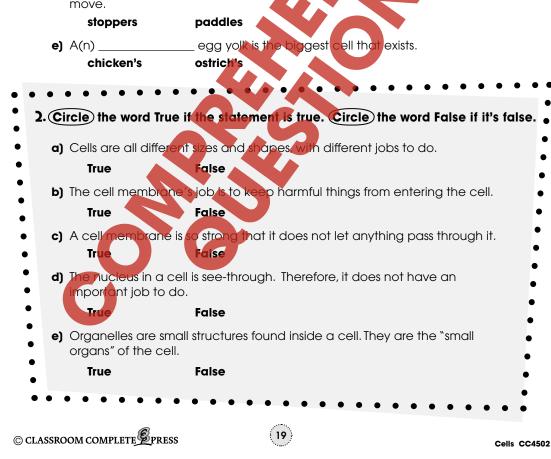














Extension and Application

4. Draw a cell's canoe route!

Cilia are stick-like things which act as **"paddles"**. They push cells around and make them move. On a blank piece of paper, draw a picture of a canoe and a person paddling in it. Prefend the carbe is the cell and the paddle is making a cell move. **Use your imagination** to draw what you think a cell's **"canoe route"** might be.

- A few questions to consider:
- What does the cell look like? What do other cells look like?
- When the cell moves, what things does it move around?

5. A conversation between a nucleus and a cell membrane!

Pretend you hear a conversation between a **nucleus** and a **cell membrane**. They are discussing what they look like, where they are found in a cell, and what their important jobs are.

Using a dialogue structure (see below), write out their conversation.

NUCLEUS says:

CELL MEMBRANE says:

(Repeat order to continue conversation...)

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Design a DNA Instruction Book

BUILD A PERSON!

DNA is a secret code found in the middle of the cell, in the NUCLEUS. It is a very long list of instructions that gives each cell in your body its own shape and function. Your DNA made you the person you are now!

Now it is your turn to pretend you are the DNA. You will design your own person by creating your own list of instructions. Use your imagination for this activity! You can design any person you can imagine!!

DESIGN AN INSTRUCTION BOOKLET:

Think about something you recently bought at a store that needs instructions to assemble it. It likely came with a small foldout book that shows (with big numbers!) how to assemble the object giving detailed instructions for each step.

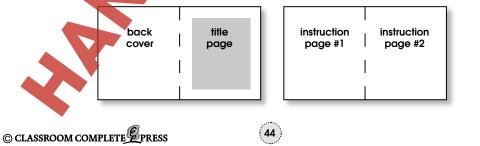
Your teacher will bring in a few examples of such books in case you have never seen one before. Use it as a guideline for your own book you will design.

YOUR BOOK SHOULD INCLUDE

- A cover page (just like a title page use diagrams and words to introduce your book)
- Numbers to show each step
- Creative instructions on how to build a person

Use **pictures** as well as words! It should be easy to follow and fun to look at!

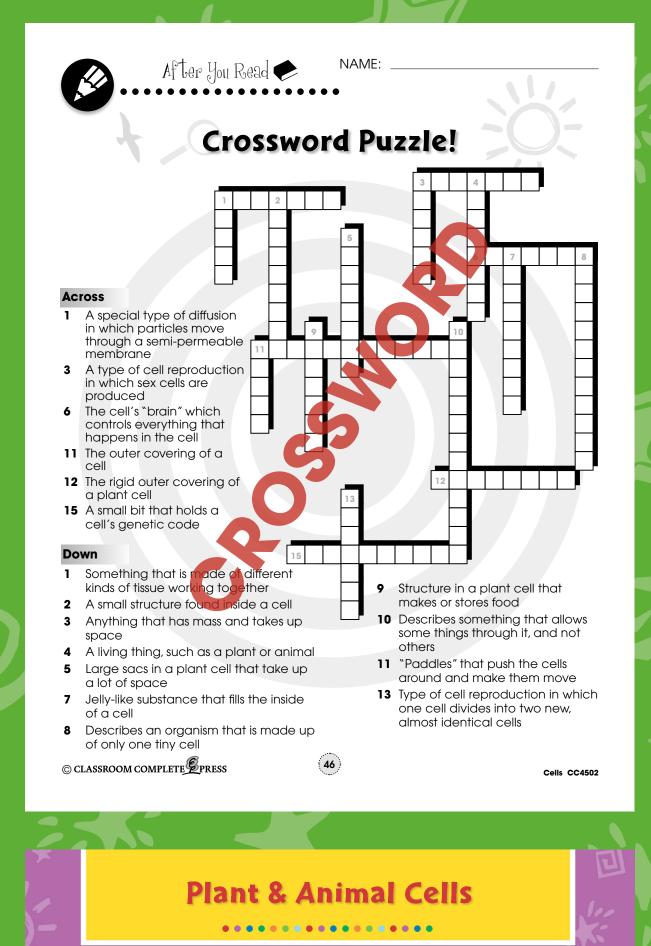
Use the following page format for your instruction book:



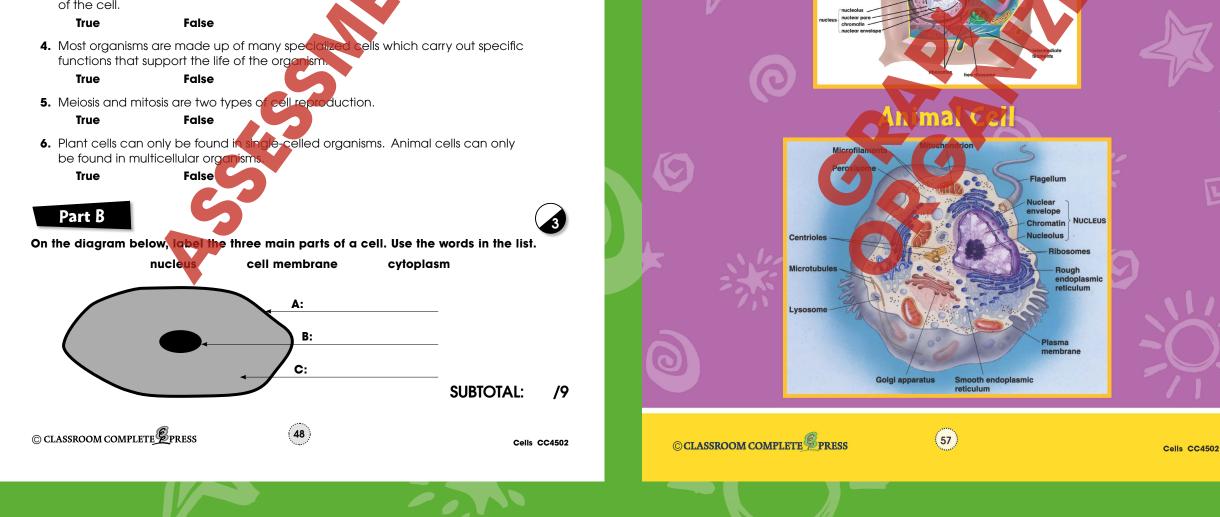
After You Read NAME: Comprehension Quiz Part A Circle the word True if the statement is true. Circle the word False if it is false. 1. Most organisms are made up of millions of cells. There are also some organisms that are made up one cell

True False

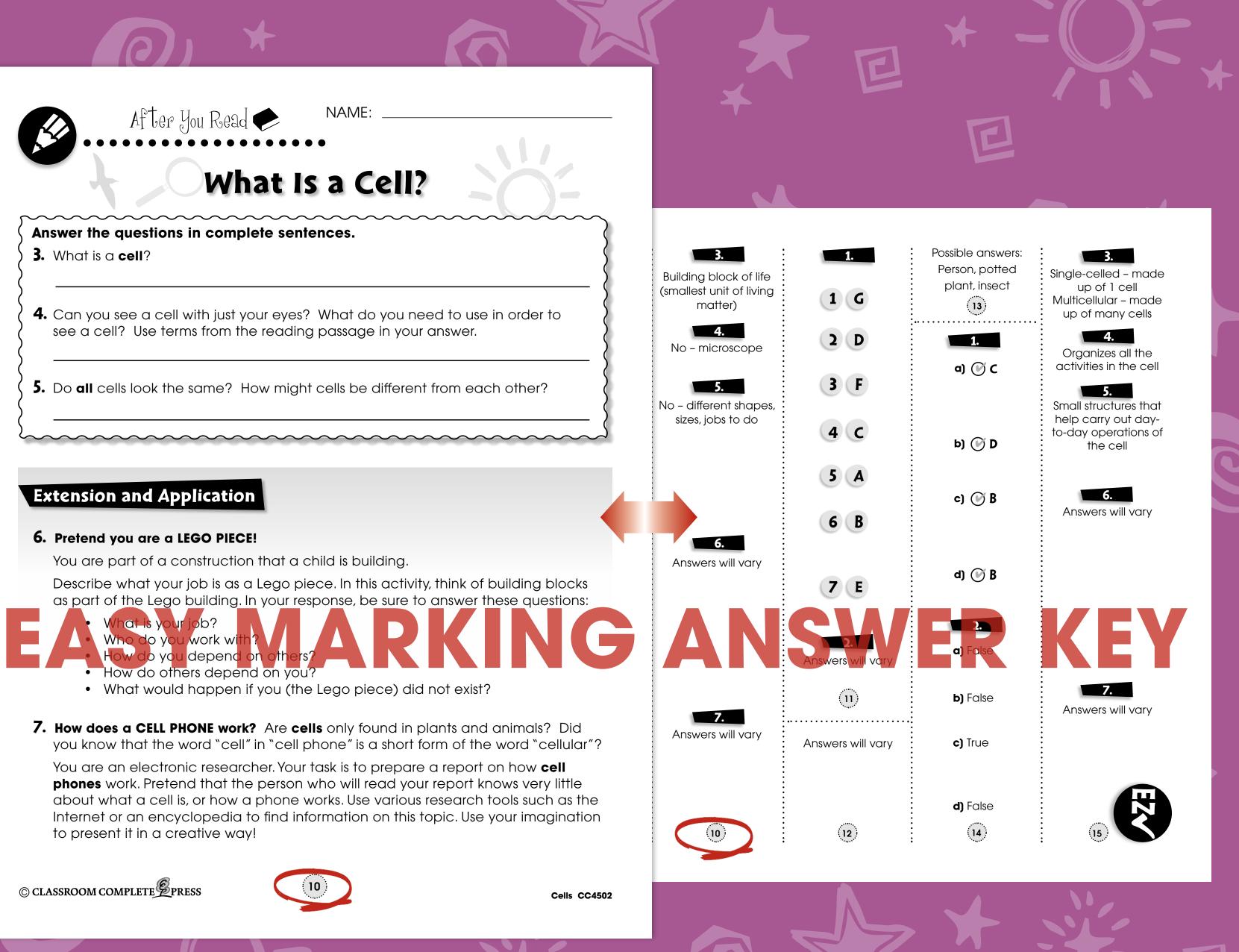
- 2. A cactus, a human and an oak tree are all examples of single-celled organisms. True False
- 3. The cell's nucleus is like a front door. It controls everything that passes in and out



Plant Cell



Cells CC4502



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