

Our resource has been created for ease of use by both TEACHERS and STUDENTS alike.

Introduction

his resource provides ready-to-use information and activities for remedial students in grades five to eight. Written to grade and using simplified language and vocabulary,

science concepts are presented in

a way that makes them more accessible to students and easier to understand. Comprised of reading passages, student activities and overhead transparencies, our resource can be used effectively for whole-class, small group and independent work.

How Is Our Resource Orga

STUDENT HANDOUTS

Reading passages and **activities** (*in the journe*) *reproducible worksheets*) make up the majority produce resource. The reading passages present in a state appropriate information are concepts related to the topic. Embedded in each passage are operating or prestions that ensure students understand and they have read.

For each reading passage there are **BF ORE YOU READ** activities and **AFTER YOU READ** activities. As with the reading passages, the related activities are written using a remedial level of language.

- The BEFORE YOU READ activities prepare students for reading by setting a purpose for reading. They stimulate background knowledge and experience, and guide students to make connections between what they know and what they will learn. Important concepts and vocabulary are also presented.
- The AFTER YOU READ activities check students' comprehension of the concepts presented in the reading passage and extend their learning. Students are asked to give thoughtful consideration of the reading passage

through creative and evaluative short-answer questions, research, and extension activities.

Hands-on activities are included to further develop students' thinking skill and understanding of the concepts. The **Assestment Rubric** (*page 4*) is a useful tool for evaluating structures' restanses to many of the activities in our resource. The **Comprehension Quiz** (*page 48*) can be used for either a burge-up renew or assessment at the completion of the unit.

PLCTURE CUES

Our requiree contains three main types of pages, each with a different purpose and use. A **Picture Cue** at the top of achievage shows, at a glance, what the page is for.

Teacher Guide

Information and tools for the teacher

Student Handout

Reproducible worksheets and activities

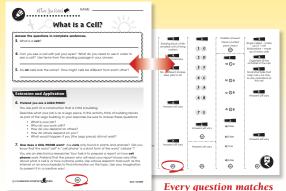


Easy Marking[™] Answer Key

• Answers for student activities

EASY MARKING[™] ANSWER KEY

Marking students' worksheets is fast and easy with this **Answer Key**. Answers are listed in columns – just line up the column with its corresponding worksheet, as shown, and see how every question matches up with its answer!



very question matches up with its answer!

NAME:

The Parts of a Cell

After You Read 🤛

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3. Pick TWO cell parts	from the following	ng list:		
cell membrane	cytoplasm	nucleus	cilia	organelles
Answer the following <ul> <li>What does the a</li> <li>What is the function</li> </ul>	cell part look like		the cell co	an it be found?
a) cell part:				
looks like/where	:			
function:				
b) cell part:				
looks like/where	:			•
function:				
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Extension and Applicatio.

4. Draw a cell's canoe rou e!

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

A few questions to conder:

- 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 dialog structure (see below), write out their conversation.

NUCLEUS says: ______ CELL MEMBRANE says: _____

(Repeat order to continue conversation...)



Sculpt a Plasticine Cell!

We have learned that even though all cells are different, they have some parts in common. There are three parts that all cells have in common.

Do you remember what they are?

CLUES....

- 1. The outside covering that holds all parts of the cell in place is called... a **cell membrane**.
- 2. The dark part located in the middle of the cell (the "broh" of the cell) is called... a **nucleus**.
- 3. The jelly-like substance that fills in the maide of a cell, where all the cell's activities take place is celled... a toplasm.

FOR THIS ACTIVITY, you will need:

- 3 different colors of plasticine
- 3 toothpicks
- small pieces of pap
- tape

STEPS:

- 1. Use plasticine **Coculpt** what you think a cell would look like based on the three cell parts described above Use a different **color** for each cell part. The cell should be **at least** the size of your hand.
- 2. Once you have finished sculpting your cell, place the toothpicks in the plasticine. You will use them as markers for the different cell parts.
- 3. On a small piece of paper, write down the cell part. "Flag" it by taping the paper label to the toothpick.

When you are finished, someone should be able to look at your plasticine cell and see the three different parts labeled. Have fun sculpting!

Parts of a Cell

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