

CELL CYCLE

ESCAPE CODE

THE CELL CYCLE

Cells are the basic structure of an organism. All living things are made up of cells. Some small organisms are unicellular, meaning they are made up of only one cell, such as bacteria. Animals are made up of billions, while humans are made up of trillions of cells, this is known as multicellular. Binary fission, mitosis, and meiosis are the three main types of cell division.

There are two different types of cells: prokaryotic and eukaryotic. Eukaryotic cells are tiny structures that perform various functions that keep an organism alive. Eukaryotic cells have a nucleus and can be either unicellular or multicellular. Prokaryotic cells are unicellular and do not have a nucleus.

As with all living things...

TASK 3: FILL-INS

DIRECTIONS: After reading the passage, use your knowledge to fill in the missing word. Then, UNSCRAMBLE the letters to reveal your mystery word. Use the EXACT wording found in the passage.

1 Prokaryotic cells are _____ and do not have a nucleus.

2 _____ is considered a resting phase.

3 Mitosis takes place in the _____.

4 Cells are the basic structure of an organism.

5 Binary _____, mitosis, and meiosis are the three main types of cell division.

6 _____ is considered a resting phase.

7 Mitosis takes place in the _____.

8 Cells are the basic structure of an organism.

UNSCRAMBLE:

Shade the following boxes if your mystery word is:

APPLES

C1 → C9 07 → 0
E1 → E8 C11
A12 → D12 B6

ANSWER GRID

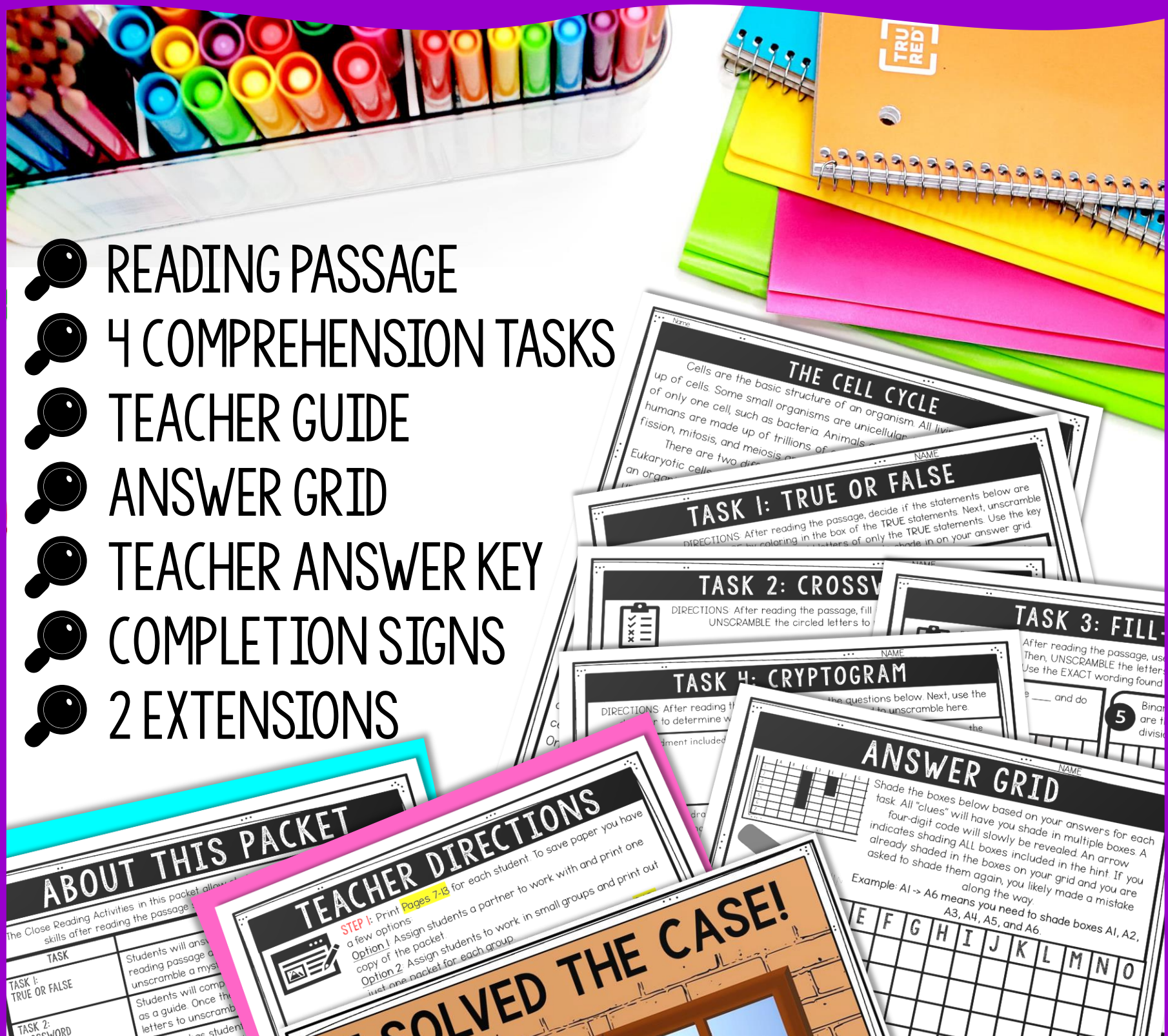
Example: A1 → A6

task. All "clues" will have you shade a four-digit code will shade the boxes on your answer grid. The boxes included in the answer grid are A1, A2, A3, A4, A5, and A6. You need to shade the boxes that make a mystery word. The letters A1, A2, A3, A4, A5, and A6 are the letters that make up the word "APPLES".

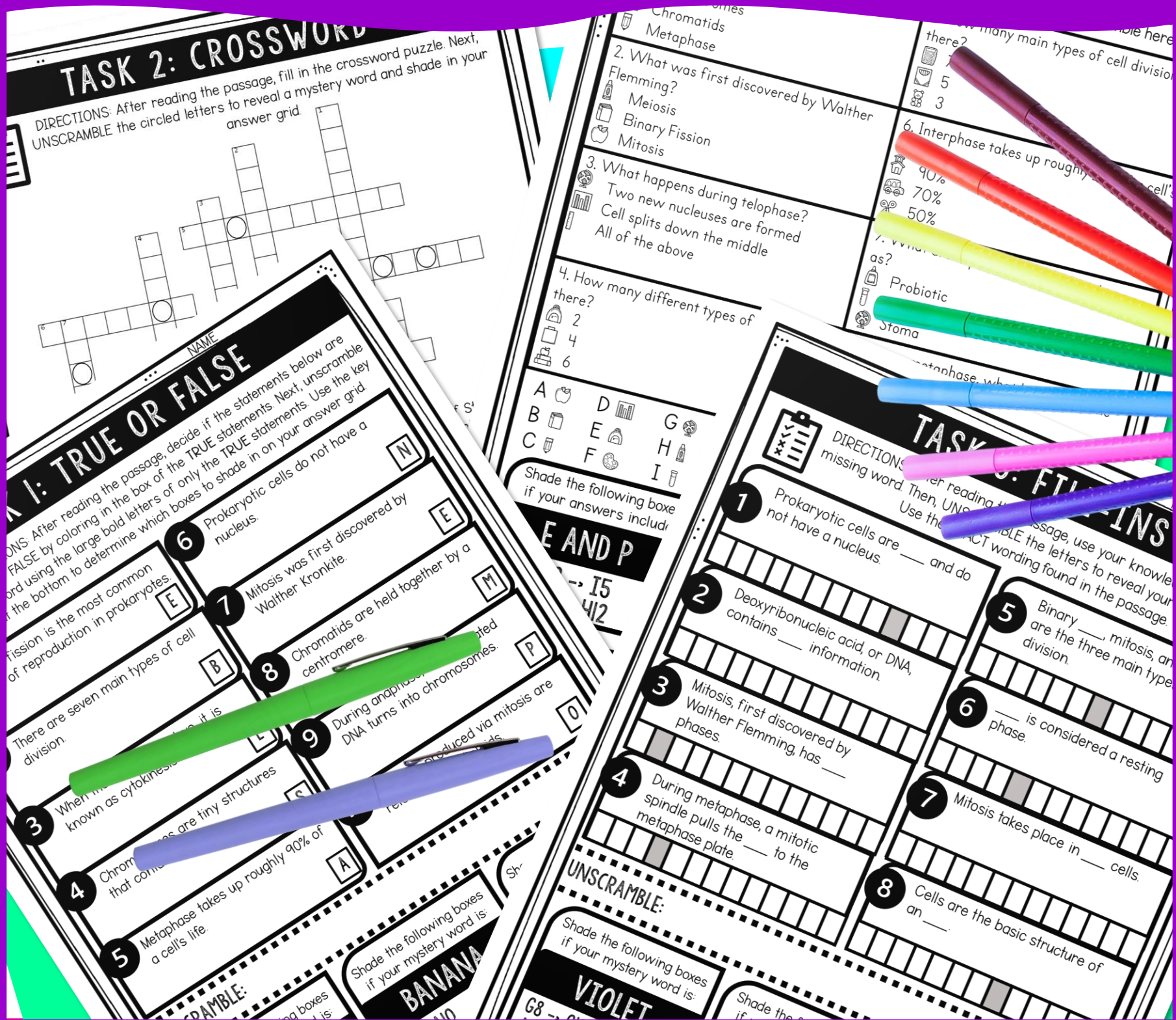
THINK TANK TOO

WHAT'S INCLUDED?

- 🔍 READING PASSAGE
- 🔍 4 COMPREHENSION TASKS
- 🔍 TEACHER GUIDE
- 🔍 ANSWER GRID
- 🔍 TEACHER ANSWER KEY
- 🔍 COMPLETION SIGNS
- 🔍 2 EXTENSIONS



4 TASKS



GRID ANSWERS

TASK 3: FILL-INS

DIRECTIONS: After reading the passage, use your knowledge to fill in the missing word. Then, UNSCRAMBLE the letters to reveal your mystery word. Use the EXACT wording found in the passage.

1 Prokaryotic cells are ____ and do not have a nucleus.

2 Deoxyribonucleic acid, or DNA, contains ____ information.

3 Mitosis, first discovered by Walther Flemming, has ____ phases.

4 During metaphase, the spindle pulls the chromosomes to the metaphase plate.

5 Binary ____, mitosis, and meiosis are the three main types of cell division.

6 ____ is considered a resting phase.

7 Mitosis occurs in ____ cells.

8 Cells are the basic structure of an ____.

UNSCRAMBLE:

Shade the following boxes if your mystery word is:

VIOLET

G8 → G12 I2 → I4
A4 → C4 G6 → G11
E1 → E8 C5 → C8

YELLOW

C4 → C9 A7 → D7
K2 → K6 B2 → B9
I8 → J8 I7 → K7

MAROON

O1 → O12 K1 → K12
A7 → A12 B1
E6 → F6 N1

ANSWER GRID

Shade the boxes below based on your answers for each task. All "clues" will have you shade in multiple boxes. A four-digit code will slowly be revealed. An arrow indicates shading ALL boxes included in the hint. If you already shaded in the boxes on your grid and you are asked to shade them again, you likely made a mistake along the way.

Example: A1 → A6 means you need to shade boxes A1, A2, A3, A4, A5, and A6.

Use the MYSTERY WORD to fill in the answer grid!

NO PREP!

