

ENIGMA 3

COMPLETE THE CROSSWORD PUZZLE

- **Visual and format**

Complete the crossword puzzle with the word that corresponds to each numbered statement.

Across:

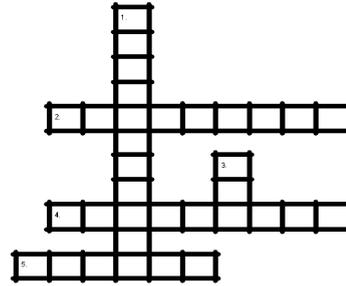
2. A long, threadlike appendage of certain cells that helps locomotion
4. Jelly-like substance inside the cell
5. Any bacterium that has a spherical shape

Down:

1. A cell without a nucleus
3. Carries genetic information

Use the solutions to find the clue for the next puzzle.

You need 4 letters from word 1 (positions 6, 7, 8, 9) and 2 letters from word 2 (positions 4 and 8).



- **Enigma/puzzle**

Students have to complete the crossword puzzle with the word that corresponds to each numbered statement. There are five words connected to Bacteria. Next, they will use the solutions to find the clue for the next puzzle. The clue is a word with 6 letters.

They need 4 letters from word 1 (positions 6, 7, 8, 9) and 2 letters from word 2 (positions 4 and 8).

- **Estimated solving time**

5-10 minutes

- **Solution**

The words in the crossword are 1. PROKARYOTIC 2. FLAGELLUM 3. DNA 4. CYTOPLASM 5. COCCUS

RYOTGU

- **Depends on (For example: depends on finding element 1)**

Depends on finding the first two words.

- **Benefits (For example: allows you to find the coordinate of ...)**

Allows them to locate the words in the next puzzle

- **Hints:**

- **Hint 1**
(subtle)

1. pro is before and karyon is nucleus

- **Hint 2**
(easy)

2. sperm cells possess it, helps movement

- **Hidden place/placement**

In box/folder 3

- **Material needed**

- Paper
- Pen/Pencil
- Highlighter