

ENIGMA 1

- **Visual and format**

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In an article from an old journal.



- **Enigma/puzzle**

Find the name of the scientist by reading the following text and write it in the boxes:

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Find the name of the scientist by reading the following text and write it in the boxes:

“The order of the “White Eagle” is one of the Most prestigious awards in Poland. It was honored to a scientist postmortem for achievements in the field of Natural Science. This scientist was the first woman to be appointed a professor at the Sorbonne University in France. She has discovered two chemical elements, the first she named after her homeland. The second one carries the name of the phenomenon in which explanation this woman is involved. Henry Becquerel discovers the phenomenon but this woman and her husband gave the scientific explanation of its nature. She was awarded two Nobel Prize in two different fields- Chemistry and Physics. During World War I she developed mobile radiography units to provide X-ray services to field hospitals. While a French citizen, she used both of her surnames- a polish and French one, she never lost her sense of Polish identity. She died at the Sancellemoz sanatorium in Passy, Haute-Savoie, from aplastic anemia believed to have been contracted from her long-term exposure to radiation. Even her cookbooks are highly radioactive. Because of their levels of radioactive contamination, her papers from the 1890s are considered too dangerous to handle. Her papers are kept in lead-lined boxes, and those who wish to consult them must wear protective clothing. In her last year, she worked on a book, Radioactivity, which was published posthumously in 1935.”

- **Estimated solving time**

10 min

- **Solution**

MARIE CURIE

- **Depends on**

On the general knowledge of the students about Marie Curie.

- **Benefits**

They will learn about the achievements and life of Marie Curie.

- **Hints:**

- **Hint 1**
(subtle)

Use her French surname in the answer.

- **Hint 2**
(easy)

She is the only woman awarded with two Nobel Prizes

- **Hidden**
place/placement

The students see instructions on the information deck (the multimedia) which will help them find the placement of the first puzzle. The instructions are a chemical task:

The first puzzle is in a journal under one of the seats in the control room, to find its number find the number of protons in the chemical element Na-under seat 11.

- **Material needed**

Paper

Pen/pencil