

# *MARIE CURIE*

Polish Physicist and Scientist

Born in 1867 , died in 1934





- Marie Curie was born in Poland.
- She was the youngest of five children.
- She learned to read when she was 4 years old.

- Her father was a professor. Sometimes the family rent out rooms to students to help pay the bills.
- Her mother died of tuberculosis when Marie was ten years old.

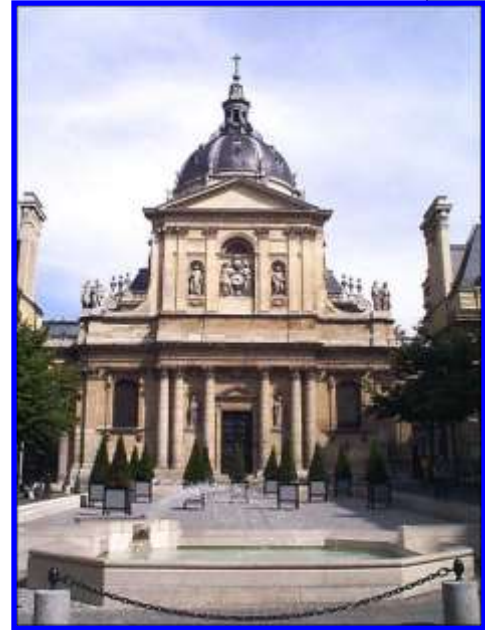
□ When she graduated, she won a gold medal because she was a good student.

□ She wanted to study but there was no money.

□ She and her sister did private tutoring to earn money.



- *She studied Maths and Physics at Sorbonne University.*
- *She had the highest grades in the class.*
- *She had a master's degree in Physics.*
- *Later, she received a doctorate in Physics.*



- She met Pierre Curie and they married in 1895.
- Pierre and Marie discovered two new radioactive elements.
- She named one of them *polonium\** to honor to Poland, and the other *radium\**.

They worked for four years preparing a very small quantity of radium to prove that the element existed.



Marie and Pierre in the laboratory

- In 1903 Marie and Marie received the Nobel Prize in Physics for their discovery of **radioactivity**.



In 1911 she was again awarded the Nobel Prize for the discovery of *polonium* and *radium*.

- *The Curies had two daughters, Irene and Eve*





- During the First World War, Marie took some x-ray machines to the battlefield hospitals.



- **Bullets could be seen with x-rays to help doctors treat the wounded soldiers.**
- Irene became a nurse and helped her mother on the battlefield.
- Marie trained 150 women to become x-ray technicians.

- She became ill and died from all her years of exposure to radium. Today doctors identify the disease as leukemia.



- Many people benefited from the discoveries made by Pierre and Marie Curie.



The radiation is now used to kill cancer cells in patients suffering from the disease.