

Historical Figures



Name:

Date:

Albert Einstein

Albert Einstein was a famous scientist who was born in Germany in 1879. He worked on theoretical physics and developed the theory of relativity. He was awarded the Nobel Prize in Physics in 1921 for his work. His famous equation is $E=mc^2$, which means energy equals mass times the speed of light squared. In 1933, Einstein moved to the United States because of Adolf Hitler and the Nazis coming to power in Germany. He sent a letter to President Franklin D. Roosevelt about Germany making a nuclear weapon, which led to the Manhattan Project and the U.S. creating the atomic bomb.

Einstein was married twice and had three children. He was very interested in his Judaism and was politically active for socialism and Zionism. He was offered the presidency of Israel in 1952 but turned it down.

Einstein also discovered the photoelectric effect, which explains why high frequency light such as UV can cause electrons to be emitted from a metal surface, but lower frequency light such as red or infrared cannot. He was awarded the Nobel Prize for this discovery in 1921.

My Notes

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Name

Albert Einstein

Birth date

1879

Birthplace

Germany

Life

Albert Einstein was born in Germany in 1879. He moved to the United States in 1933 because of Adolf Hitler and the Nazis. He was married twice and had three children. He was interested in Judaism and was politically active for socialism and Zionism. He was offered the presidency of Israel in 1952 but turned it down.

Work

Einstein worked on theoretical physics and developed the theory of relativity. He also discovered the photoelectric effect.

Achievement

He received the Nobel Prize in Physics in 1921 for his work on the photoelectric effect. He is famous for his equation $E=mc^2$.

Famous for

Einstein is famous for his theory of relativity and his equation $E=mc^2$. He is also known for his role in alerting the U.S. about Germany's nuclear weapon plans, which led to the Manhattan Project.

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Answer the questions

Question 1: What did Albert Einstein discover that won him the Nobel Prize in Physics?

- The theory of quantum physics
- The theory of gravity
- The theory of relativity and the photoelectric effect

Question 2: Why did Albert Einstein move to the United States?

- Because of Adolf Hitler and the Nazis coming to power in Germany
- Because he wanted to start a new job
- Because he liked the culture

Question 3: What did Albert Einstein's famous equation $E=mc^2$ mean?

- Energy equals mass divided by the speed of light squared
- Energy equals mass times the speed of light
- Energy equals mass times the speed of light squared

Question 4: What political position was Albert Einstein offered in 1952?

- The presidency of the United States
- The presidency of Israel
- The presidency of Germany