

ALBERT EINSTEIN

Guess: true or False

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| 1. Albert Einstein was Jewish. | 4. Einstein discovered the theory of relativity. |
| 2. He loved school. | 5. He studied in Switzerland. |
| 3. Einstein got brilliant grades at school. | 6. He believed in war. |

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| 1. Pacifist | a. A person who doesn't believe in fighting or war |
| 2. Revolutionized | b. To change the structure or organization of something |
| 3. Reshape | c. To question and test how something can be done |
| 4. Challenged | d. To be enthusiastic about something |
| 5. Irrevocably | e. To change and to have power over someone's thinking or a way that something is done |
| 6. Paradoxically | f. When something appears or is developed for the first time |
| 7. Ardent | g. To change in a very big way; almost completely change |
| 8. Emergence | h. To care about the human race |
| 9. Humanitarian | i. When something is changed or done but cannot be undone or reversed |
| 10. Influenced | j. When something contradicts or seems the opposite of something else |

Albert Einstein is one of the most well-known physicists, that has ever lived. He revolutionized and reshaped scientific thinking; his most famous theory is the theory of relativity. He also greatly **influenced** statistical physics, **humanitarianism** and **played a large part** in the **emergence** of **quantum physics**.

He was born in 1879 to Jewish parents in Germany. He disliked school because he felt it was **mindless** and boring. He didn't actually **do very well** in school and preferred to study at home. In 1900 he **graduated** from the University of Zurich in Switzerland and then went onto the Swiss Patent Office. He was not **challenged** in his job which was helpful because the **lack** of demands on him allowed him to **develop** his own ideas.

In 1905 his ideas **grew** and **eventually** his thoughts and ideas about time and space would change world thinking **irrevocably**. He developed many ideas about quantum, time and atoms. He continued to work until 1909 and then became a professor at the University of Zurich. He moved to Prague for a year to the university there and then moved to Berlin where he took another **position** as a professor. He developed many ideas and theories.

In 1933 while Einstein was visiting England the Nazi government took his **property** and **citizenship** in Berlin because he was Jewish. He decided to move **permanently** to the United States where he became a member of the **newly** created Institute for Advanced Study in Princeton University, New Jersey.

In 1939 Einstein was worried that Hitler would create the first atomic bomb and so he **urged** President Franklin D. Roosevelt to begin researching uranium. The first bomb would be **dropped** by the US on Japan at the end of the Second World War. Einstein paradoxically was an **ardent pacifist**.

In 1955 Einstein died at the age of 76. Einstein died having changed us all. He once said:
"Imagination is more important than knowledge"

1. Why didn't Einstein enjoy school?
 2. Why did he move to America?
 3. Why was his job in the patent office useful?
 4. Why did Einstein want to research uranium?
 5. Why did the Nazis take Einstein's property?
 6. Why do you think Einstein would think that imagination was more important than knowledge?
- What is a role model?
 - If you were famous, what would you like to be famous for?
 - What invention of the twentieth century do you think is the most important?
 - Do you think that humans will always go to war?