

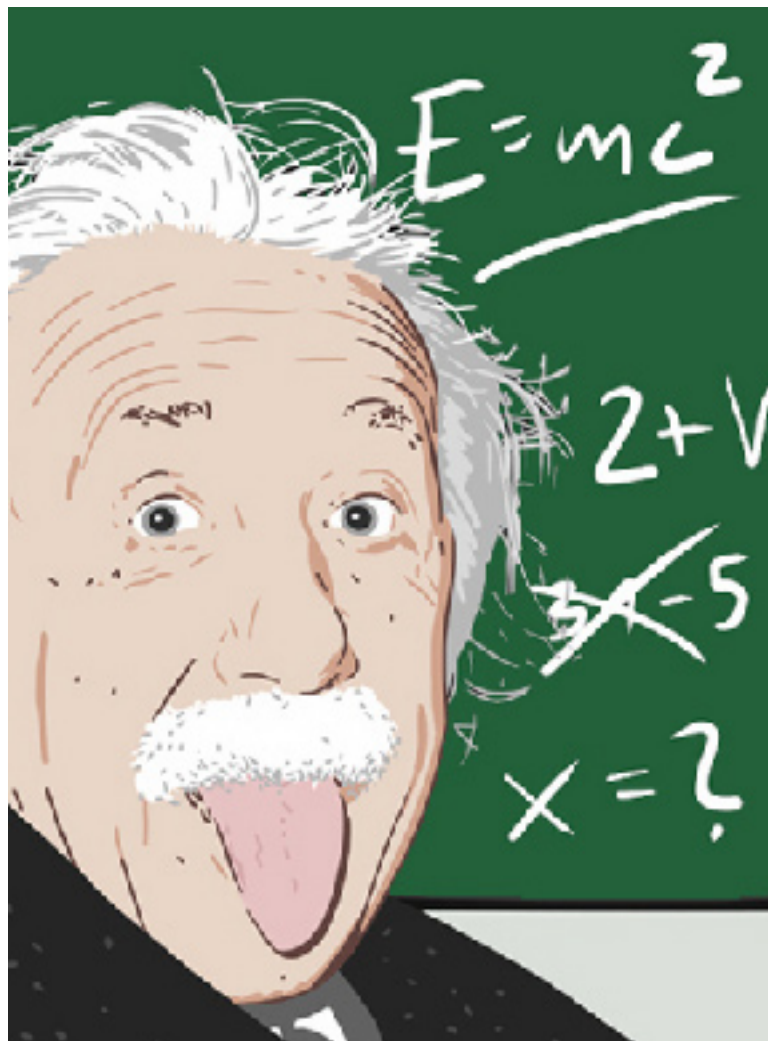
Albert Einstein

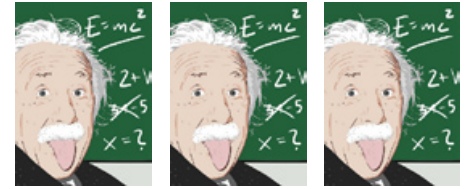


Albert Einstein

PRE-READING QUESTIONS

1. How many different sciences can you name?
2. Do you know what Albert Einstein is famous for?
3. What is the science of physics?
4. Do you know which subjects the Nobel Prize is awarded for?





Famous People - Albert Einstein

Albert Einstein

Albert Einstein was a world-famous physicist.

Einstein was born in Ulm, Germany in 1879, but grew up in Munich. As a young boy, he did not do well in school. He liked to study math, science and philosophy at home by himself.

In 1895, Einstein's family moved to Milan, Italy. He stayed behind to go to school, but soon left to join his family. Again, he studied at home on his own. But in 1896, on his second try, he became a student at the Swiss Federal Institute of Technology. He studied math and physics and graduated in 1900.

In 1901, Einstein got a job in the patent office in Bern, Switzerland. When he wasn't at work, he did research on physics. In 1903, he married Mileva Maric.

In 1905, the University of Zurich gave him a Ph.D. for an article he wrote on molecular physics. He wrote four other scientific papers that year. The most important one explained his theory of relativity.

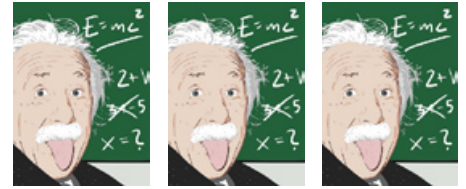
Einstein became a professor of physics. He worked at universities in Prague, in Zurich, and, finally, in Berlin. But his wife did not like Berlin. She and their sons went back to Switzerland. Einstein and his wife divorced in 1919. Later that year he married again.

In 1915, Einstein finished his theory of relativity. In 1919, the scientists in the Royal Society of London said they agreed with his theory. This made Einstein very famous. He gave lectures on relativity around the world. In 1921, he won the Nobel Prize for physics. He worked on theories of physics for the rest of his life.

Einstein did not believe in war. When the Nazis gained power in Germany in 1933, he gave up his German citizenship and moved to the United States. Einstein was very upset when the United States used an atomic bomb to end the Second World War. After that, he spent much of his time trying to convince people that an atomic bomb should never be used again.

Einstein died in Princeton, New Jersey in 1955.





Famous People - Albert Einstein

COMPREHENSION QUESTIONS

A. True or False. Read the statements below. If the statement is true, write T beside the sentence. If it is false, write F.

1. Albert Einstein was an excellent student when he was in school. _____
2. Einstein preferred to study by himself. _____
3. Einstein studied mathematics. _____
4. Einstein was a professor of philosophy. _____
5. Einstein did not believe in war. _____

B. Write the answers to the following questions in complete sentences.

1. Where was Einstein from? _____

2. What did Einstein like to study? _____

3. When did Einstein graduate from the Swiss Federal institute of Technology? _____

4. What did Einstein like to do when he wasn't working at his job? _____

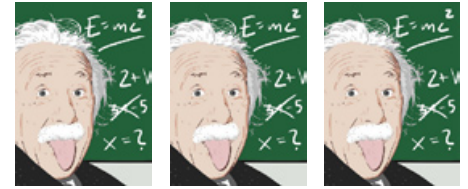
5. What was Einstein's most important theory? _____

6. From which university did Einstein receive his Ph.D. degree? _____

7. Why did Einstein move to the United States? _____

8. How did Einstein spend much of his time after the Second World War? _____





Famous People - Albert Einstein

VOCABULARY REVIEW

A. Match the words on the left with the correct meaning on the right.

- | | |
|---------------------|--|
| _____ 1. famous | a. study |
| _____ 2. grew up | b. a talk for the purpose of teaching |
| _____ 3. graduate | c. idea given to explain something |
| _____ 4. patent | d. known by many people |
| _____ 5. research | e. make someone believe or think, persuade |
| _____ 6. article | f. became an adult |
| _____ 7. theory | g. connection |
| _____ 8. relativity | h. finish school with a diploma or degree |
| _____ 9. lecture | i. a piece of writing |
| _____ 10. convince | j. the exclusive right to make or sell a new invention |

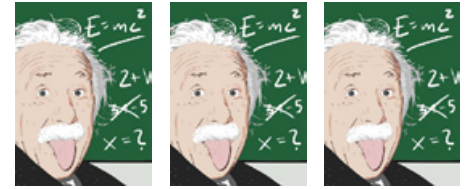
B. Choose the right word from the left column above to complete the following sentences.

- The professor gave a very interesting _____ in class today.
- She was born in England, but _____ in Canada.
- Today many scientists are doing _____, trying to find a cure for cancer.
- She doesn't want to move to a new city, but her husband is trying to _____ her.
- He wrote a very interesting _____ for the school newspaper.

C. Studies – Draw a line between the subject and the correct meaning.

- | | |
|-------------|--|
| mathematics | study of what substances are made of |
| physics | study of plants and animals |
| biology | study of numbers |
| chemistry | study of problems concerning the nature of man |
| geography | study of matter and energy, ex. heat, light, sound |
| philosophy | study of the earth's surface, climate, population |





Famous People - Albert Einstein

Albert Einstein - Answer Key

PRE-READING QUESTIONS

1 – 3. individual answers

4. The Nobel Prize is an international award given every year for achievements in physics, chemistry, medicine, economic sciences, literature, and peace.

COMPREHENSION QUESTIONS

A. True or False

1. F 2. T 3. T 4. F 5. T

B. Written Answers

1. He was born in Germany but later lived in Italy, Switzerland, and finally in the United States.
2. He liked to study math, science and philosophy.
3. He graduated from the Swiss Federal Institute of Technology in 1900.
4. When he wasn't working, he liked to do research on physics.
5. His most important theory was the theory of relativity.
6. Einstein received his Ph.D. from the University of Zurich.
7. He moved to the United States because the Nazis had come to power in Germany.
8. After the Second World War, Einstein spent much of his time fighting the use of the atomic bomb.

VOCABULARY REVIEW

A. Matching

1. d 2. f 3. h 4. j 5. a 6. i 7. c 8. g 9. b 10. e

B. Choose the correct word

1. lecture 2. grew up 3. research 4. convince 5. article

C. Match the name of the study with the description

mathematics – the study of numbers

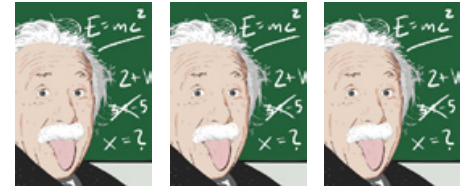
physics – the study of matter and energy, ex. heat, light, sound

biology – the study of plants and animals

chemistry – the study of what substances are made of

geography – the study of the earth's surface, climate, population





Famous People - Albert Einstein

VOCABULARY LIST

Note: Some of the words used in the story can be either nouns or verbs. There may be many meanings for the following words, but the ones given here are the ones used in the story.

1. **famous** – (adjective) – known by many people
ex. Madonna is a very **famous** singer.
2. **grow up** – (verb) – go from childhood to adulthood; become an adult
ex. When the children **grow up**, we will sell our big house and move to a smaller place.
3. **graduate** – (verb) – finish school with a diploma or degree
ex. She just started university this fall and will **graduate** in four years.
4. **patent** – (noun) – government authority giving an inventor the exclusive right to make, use, or sell a new invention.
ex. That invention of yours is really great. You should get a **patent** on it before someone else thinks of the same idea.
5. **research** – (noun) – study, investigation, looking for answers
ex. He does a lot of scientific **research** at the university as well as teaching.
6. **article** – (noun) – a piece of writing
ex. That was a very interesting **article** I read in the newspaper this morning.
7. **theory** – (noun) – a reasoned idea given to explain facts or events
ex. Darwin is famous for his **theory** of evolution.
8. **relativity** – (noun) – the quality of being connected; also a theory in physics regarding motion and energy.
ex. Albert Einstein is famous for his theory of **relativity**.
9. **lecture** – (noun) – a talk for the purpose of teaching
ex. The students were asked to leave the class because they were talking during the professor's **lecture**.
10. **convince** – (verb) – make someone believe or think something; persuade
ex. He made a very good argument and finally **convinced** us that he was right.

