



The scientists' album

Pioneers who

Scientist unlocked when...

A Greek mathematician and philosopher, he is known for his famous theorem, which relates the sides of a right triangle. He posited that numbers and mathematical proportions were the basis of everything in the universe, applying these concepts to music, astronomy, and geometry.

Scientist unlocked when...

Mathematician, astronomer and philosopher of ancient Alexandria. She was one of the first known women scientists in history. She was a leader of the Neoplatonic school, teaching algebra and geometry at a time when women rarely had access to education.

Scientist unlocked when...

He revolutionized astronomy by using a telescope to observe the sky, discovering the moons of Jupiter and the phases of Venus. He perfected the scientific method in his defense of the heliocentric model.

Scientist unlocked when...

He created the first periodic table of the elements, organizing them in such a way that the properties of elements not yet discovered could be predicted. His genius laid the foundations of modern chemistry.

Scientist unlocked when...

A pioneer in the study of radioactivity, she was the first person to win two Nobel Prizes in different disciplines: Physics and Chemistry. He discovered the radioactive elements polonium and radium, and his work revolutionized medicine by giving way to radiation therapy treatments.

Scientist unlocked when...

She determined the structures of vital biomolecules like penicillin, vitamin B12, and insulin using X-ray crystallography. Her important discoveries in chemistry helped scientists see how medicines are built, leading to better treatments. She was awarded the Nobel Prize for this work.

opened the way

Scientist unlocked when...

He formulated the laws of motion and the law of universal gravitation, laying the foundations for the study of gravity and the motion of celestial bodies. He also conducted fundamental studies on light and colors.

Scientist unlocked when...

Known for his theory of evolution by natural selection, he revolutionized our understanding of life on Earth. His book "The Origin of Species" changed biology forever.

Scientist unlocked when...

Known as the first programmer in history, she wrote the first algorithms and worked together on the design of the Analytical Engine, a precursor to the modern computer.

Scientist unlocked when...

She used X-ray crystallography to reveal DNA's famous double helix shape. Although her work was not fully recognized in her lifetime, today she is celebrated as one of the great minds of molecular biology.

Scientist unlocked when...

Discovered the basic principles of heredity through experiments with pea plants, founding modern genetics.

Scientist unlocked when...

Co-founder of the field of nuclear physics, she helped discover nuclear fission, a crucial finding for nuclear power. She was one of the first women recognized in science worldwide.

20th Century

Scientist unlocked when...

Co-invented frequency hopping, a precursor to modern wireless communication like Wi-Fi.

Scientist unlocked when...

Known for the famous equation, he revolutionized physics with his theory of relativity. He won the Nobel Prize for explaining the photoelectric effect, the basis of modern solar energy. $E = mc^2$

Scientist unlocked when...

Hopper was a pioneer in computer science and developed the first compiler (a program that translates code into machine language), paving the way for programming languages and modern computing.

Scientist unlocked when...

Chinese experimental physicist who marked a turning point in nuclear physics. She worked on the Manhattan Project and carried out the experiment called "Wu Experiment".

Scientist unlocked when...

He created the model of the atom and helped lay the foundations of quantum mechanics.

Scientist unlocked when...

Her calculations were essential for NASA's space missions, including the Apollo Moon landing.

science icons

Scientist unlocked when...

Discovered the nerve growth factor, shedding light on how neurons grow and regenerate.

Scientist unlocked when...

An inventor and visionary, he was a genius of electricity. He developed the alternating current system, the basis of modern electrical distribution.

Scientist unlocked when...

She is the author of Silent Spring, a book that showed how pesticides can hurt nature and sparked the modern environmental movement.

Scientist unlocked when...

Father of computer science; cracked Nazi codes and conceptualized the modern computer.

Scientist unlocked when...

He was a brilliant physicist and popularizer of science; developed quantum electrodynamics

Scientist unlocked when...

Formulated the uncertainty principle, a cornerstone of modern physics.

Great minds of

Scientist unlocked when...

Co-invented CRISPR gene editing, a revolutionary tool with vast medical and scientific applications

Scientist unlocked when...

First Black women in space; also a physician, engineer, and advocate for science education.

Scientist unlocked when...

Explored black holes and the origins of the universe; famous for his work on singularities and popular science books.

Scientist unlocked when...

Led the sequencing of the human genome and pioneered synthetic biology.

Scientist unlocked when...

Led the development of the first malaria vaccine, saving countless lives in endemic regions.

Scientist unlocked when...

Revolutionized primate research with her fieldwork on chimpanzees.

the 21st century

Scientist unlocked when...

Provided key evidence for the existence of dark matter through her study of galaxy rotation.

Scientist unlocked when...

Known for his work in quantum information theory and his contribution to the development of quantum computing.

Scientist unlocked when...

Discovered telomerase and its role in aging and cancer, earning a Nobel Prize.

Scientist unlocked when...

Invented the World Wide Web, transforming how information is shared and accessed globally.

Scientist unlocked when...

Discovered DNA polymerase phi29, essential for genetic research and biotechnology.

Scientist unlocked when...

He invented the electron capture detector. With this device, he discovered pesticide residues all over the planet and tracked the distribution and accumulation of compounds capable of altering the climate and the ozone layer.