

Scientific discoveries

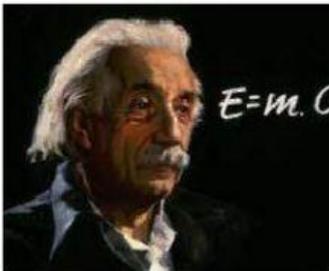
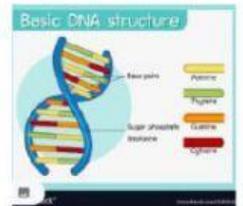
1/ Complete the sentences below with the correct forms of suitable verbs. Choose from the following:

become, cause, come up, conduct, discover (2x), expand, explain, form, move, publish, tell, win

2/ When did it happen? Drag the years before the sentences.

1543 1666 1859 1864 1903 1928 1929 1953

- _____ Alexander Fleming _____ the antibiotic penicillin.
- _____ Charles Darwin _____ a book on his theory of natural selection
- _____ Edwin Hubble _____ his theory that the universe _____ .
- _____ Isaac Newton _____ up with the theory of gravity.
- _____ James Watson and Francis Crick _____ the structure of the DNA molecule.
- _____ Louis Pasteur _____ to a group of famous scientists his belief that germs _____ many diseases.
- _____ Marie Curie, who _____ research on radioactivity, _____ the first woman to _____ a Nobel Prize.
- _____ Nicolaus Copernicus _____ the world that the Earth _____ around the Sun.



3/ Complete the questions about Albert Einstein, then match them with the answers. In the questions, use the following verbs: *be (3x), define, find, invent, leave, play, win*

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|--|-----------------------------------|
| What famous formula _____? | A fridge that worked with alcohol |
| _____ an exceptional student at university? | $E=mc^2$ |
| _____ a good job after he _____ university? | In 1921 |
| Which famous person _____ a big fan of Einstein's? | Marilyn Monroe |
| When _____ the Nobel prize? | No, he didn't. |
| What instrument _____? | No, he wasn't. |
| What _____ in 1926? | Smaller than average |
| How big _____ brain? | The violin. |

4/ Match the inventions/ideas with the names.

Ship screw propeller

Dynamite

Arc lamp

Space travel

Soft contact lenses

Petrol-driven car

The sun is the centre of the solar system

Polarography

Free association method, interpretation of dreams

Internal combustion engine

Development of the atomic bomb

Founder of genetics

Four blood groups

World wide web

Mobile phone

Sigmund Freud (1865-1939)

Galileo Galilei (1564-1642)

František Křižík (1847-1941)

Jan Ressel (1793-1857)

Georg Johann Mendel (1822-1884)

Alfred Nobel (1833-1896)

G.Daimler (1834-1900), K.Benz (1844-1929)

Otto Wichterle (1913-1998)

Julius Robert Oppenheimer (1904—1967)

Tim Berners-Lee (1955-)

Jan Janský (1873-1921)

Martin Cooper (1928-)

Nicolaus Augustus Otto (1832-1892)

Jaroslav Heyrovský (1890-1967)

Yuri Gagarin (1934-1968)



5/ Choose 5 inventions/ideas + names from exercise 4 and write sentences about them. Use some of the verbs (a different one in each sentence): *invent, discover, pioneer, be known for/as, be awarded Nobel prize, prove, learn, patent, investigate, construct*