

Theme: Myth busters (Physics, Chemistry, Biology)

Learning objective:

10.3.4 - evaluate and comment on the views of others in a growing variety of talk contexts on a growing range of general and curricular topics;

10.4.1 - understand main points in extended texts on a wide range of familiar and some general and curricular topics;

10.4.3 - skim a range of lengthy texts with speed to identify content meriting closer reading on a range of general and curricular topics;

Reading

Jobs related to science

- 1 a) **10.5.2** Match the jobs (1-8) to a description of what they study (a-h). Tell your partner.

1	<input type="checkbox"/>	physicist
2	<input type="checkbox"/>	geneticist
3	<input type="checkbox"/>	mathematician
4	<input type="checkbox"/>	astronomer
5	<input type="checkbox"/>	chemist
6	<input type="checkbox"/>	biologist
7	<input type="checkbox"/>	psychologist
8	<input type="checkbox"/>	geologist

- a planets, the universe, space
b the characteristics of substances and how they react
c the human mind and the way it works
d the Earth's surface
e matter and energy
f numbers, shapes and space
g all natural life
h the inherited characteristics of living things

Science helps us understand the world around us, but there's a lot of misinformation out there! It can be difficult separating science fact from science fiction. Here are a few science myths that are simply not true.

Einstein failed Maths

Albert Einstein is perhaps the most famous physicist ever, and he is widely considered to be a genius. His theory of relativity changed the way we think about the universe, and, in 1921, he won the Nobel Prize for Physics. At the end of the 20th century, TIME magazine voted him 'Person of the Century'. Unfortunately, a lot of people believe that he struggled at maths! What is true is that when he was young, he failed a university entrance exam because his mark wasn't high enough. He didn't fail the maths or physics sections, though. In fact, his marks in those sections were excellent, but he didn't do well at French, chemistry and biology. It seems that not even geniuses are perfect.



Check these words

myth-buster, misinformation, separate, myth, widely, genius, theory, vote, struggle, breathe, billion, neurons, come from, mental, physical, resources, misunderstand, brain scan, repeat, out of the blue, come up with, image, observe, anecdote



b) **10.4.2** Read the article again and choose the correct answer (A, B, C or D).

- 1 When he was young, Albert Einstein
 - A did not go to school.
 - B was not good at maths.
 - C had to take an exam twice.
 - D was better at some subjects than others.
- 2 In text B, the writer suggests that
 - A a scientist did not check his research.
 - B reporters might have made a mistake.
 - C the human brain is not always active.
 - D humans use 90% of their brains.
- 3 In text C, the writer says that
 - A there is some truth in the story.
 - B Newton often lied about his theories.
 - C the story is not very well known.
 - D Newton never watched apples falling.