



SCIENCE VOCABULARY AND PHRASES



Science

Science

Most of us know science as a subject studied at school but according to the *Cambridge Dictionary*, science is the study and knowledge of the structure and behaviour of natural things in an organised way. Science can be dated back to Ancient Egypt between 3000 and 1200 BC but has since evolved to modern science.

Science

Modern science is often separated into three categories: natural sciences (such as chemistry, physics and biology), social sciences (such as economics, psychology and sociology) and formal sciences (such as logic, maths, computer science). No matter what type of science, ideas and theories are always based on research, which tends to take place at academic institutions.

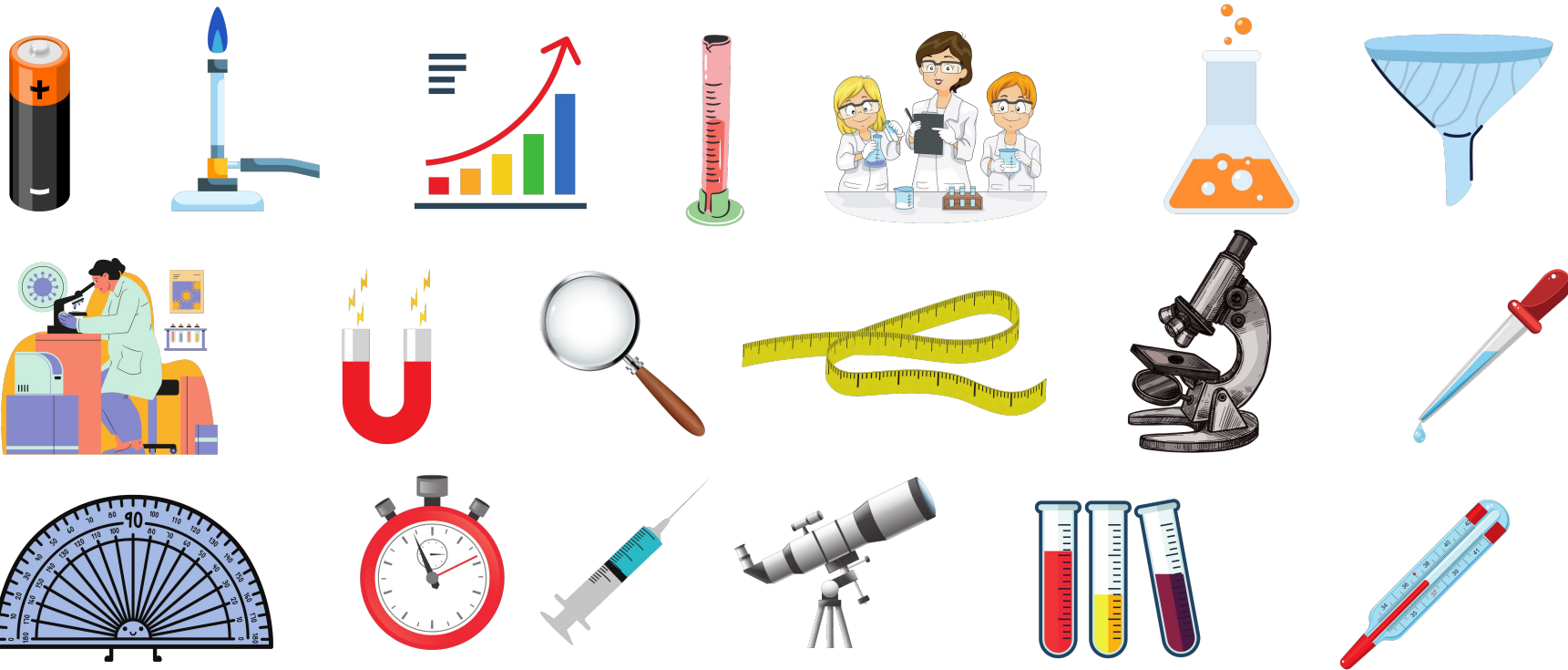
Science

The level and success of research is normally based on the skills of the scientists as well as the amount of money invested by external sources, such as the government, universities or private enterprises. Research and scientific developments have brought about some of the most important inventions in this world and they continue to do so, particularly in healthcare, medicine, infrastructure and the environment.

Science

Scientific advances can be officially recognised through awards such as The Nobel Prize. Nobel Prizes can be won in physics, chemistry and physiology or medicine.

Science



Science

Watch the following video. Are these sentences true or false?

https://www.youtube.com/watch?v=_Jyl9wa4bOA

Science

- 1) Peter Higgs is British
- 2) Alexander Graham Bell made the first phone call from his office in 1876
- 3) Dorothy Hodgkin created penicillin
- 4) Alexander Fleming created the first vaccine
- 5) It was Rosalind Franklin who paved the way towards the helical structure of DNA
- 6) Alan Turing contributed towards the British effort during World War Two
- 7) Tim Berners Lee founded the idea of the World Wide Web because we wanted researched to share information
- 8) Stephen Hawking works in the field of chemistry
- 9) Isaac Newton is most famous for his theory of gravity
- 10) Charles Darwin demonstrated the theory of evolution

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Scientists have a really important job. They are faced with problems and they need to **work out** the solution. They **carry out** important research then **come up with** solutions to the world's problems. If a scientist's solutions **come off**, they will have contributed to an improved society for the rest of the world. In some cases, scientists face mass or irregular data and need to **narrow it down** in order to find a solution.

Scientific research has **come on** a lot, even in the past 100 years and we have **found out** lots of new things as a result of these developments.

Phrasal Verbs for Science

to work out

transitive - separable

to find a solution to a problem

I'm sure you'll work it out!

Phrasal Verbs for Science

to carry out

transitive - separable

to do an experiment

Let's carry it out and see what happens!

Phrasal Verbs for Science

to come up with

transitive - inseparable

to think of an idea

You need to come up with a solution!

Phrasal Verbs for Science

to come off

intransitive

to succeed

I can't believe the plan came off!

Phrasal Verbs for Science

to narrow down

transitive - separable

to reduce the number of possibilities

Who could have done it? Let's narrow it down.

Phrasal Verbs for Science

to come on

intransitive

to advance/ improve

Her English has come on so much in the past month.

Phrasal Verbs for Science

to find out

transitive - separable

to discover

I don't want my mum to find out the truth.

Immunisations should not
be made obligatory



Cloning is morally correct



We should invest more money in space exploration



Scientists have too much global power (nuclear)



Science should be
obligatory at school



We should invest more
money in medicine



Herbal medicines are better
than modern medicines



Should humans be blamed
for animal extinction



Genetically modified crops
can solve world hunger



Artificial Intelligence is a
threat to humans



We should convert to
renewable energy



Humans should colonize
Mars

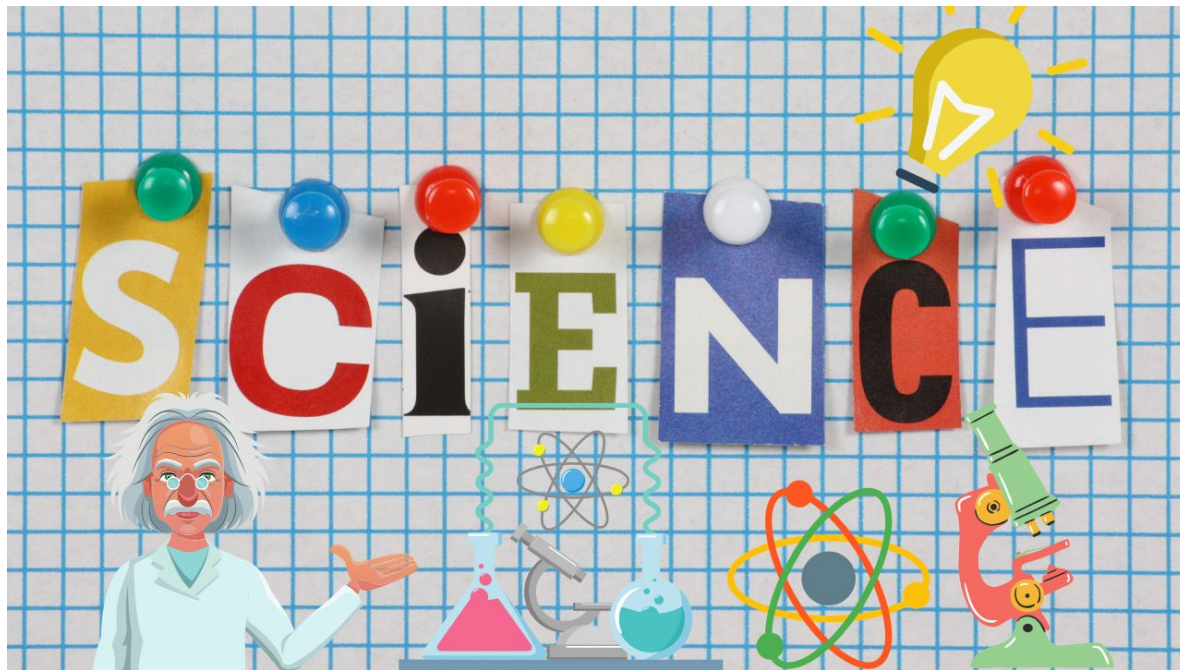




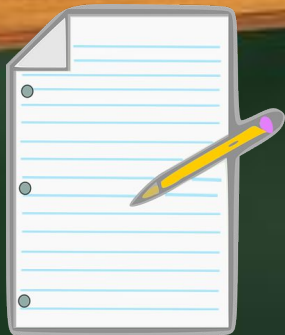
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REVIEW



Science Course



HOMEWORK

WRITING ASSIGNMENT

Link:

<https://virtually-fluent.com/topic/scientists-from-my-country/>