

## ● Science and technology

## Topic vocabulary in contrast

see page 187 for definitions

artificial / false	aim / cause / reason	progress / development
natural / physical	estimate / calculate	modern / new
true / accurate	electric / electronic	industry / factory
method / way	invent / discover	award / reward
engine / machine / motor	research / experiment	take place / occur

## Phrasal verbs

<b>break down</b> stop working (for a machine, etc)	<b>give off</b> produce sth such as heat or a smell
<b>carry out</b> perform an experiment, etc	<b>narrow down</b> reduce the number of possibilities
<b>come off</b> succeed	<b>plug in</b> connect to the electricity supply
<b>come on</b> develop or make progress	<b>put through</b> connect by phone
<b>come up with</b> think of (an idea, a plan, etc)	<b>turn into</b> change into sth different
<b>cut off</b> stop the supply of sth	<b>turn off</b> stop a machine working
<b>find out</b> discover information, etc	<b>work out</b> find the solution to a problem, etc

## Phrases and collocations

<b>attempt</b>	make an attempt (at sth/doing / to do); attempt to do; in an attempt to do
<b>average</b>	on average
<b>beginning</b>	in the beginning; at the beginning (of sth); beginning with
<b>bottom</b>	at/on the bottom (of sth)
<b>cause</b>	(be/find/look for/etc) the cause of sth
<b>conclusion</b>	come to/reach the conclusion (that); in conclusion
<b>experiment</b>	do/perform/carry out an experiment (on sth); experiment with sth/doing
<b>fact</b>	in fact; as a matter of fact; the fact (of the matter) is (that); face the facts
<b>introduction</b>	with the introduction of sth; an introduction to sth/sb
<b>phone call</b>	make/receive/get a phone call
<b>photo(graph)</b>	take a photo (of sth/sb)
<b>research</b>	carry out / do research (on/into sth)

## Word patterns

<b>cause</b> sth (to do)	<b>look</b> at/for sth/sb; look forward to sth/doing
<b>consider</b> sth/doing; consider if/whether; consider sb for sth; consider it strange, etc (for sb to do)	<b>manage</b> to do
<b>discuss</b> sth/doing (with sb)	<b>plan</b> sth; plan to do
<b>explain</b> that; explain sth (to sb)	<b>possible</b> (for sb) to do; find sth possible; find it impossible to do
<b>intend</b> to do/doing	<b>result</b> of sth/doing; result in sth; result in (your) doing; result from sth/doing; as a result of sth
<b>know</b> (about) sth/doing; know of sb; be known as sth	<b>wonder</b> about sth/doing; wonder if/whether/why

## Word formation

<b>appear</b> appearance, apparently	<b>introduce</b> introduction, introductory	<b>research</b> researcher
<b>build</b> builder, building	<b>invent</b> inventor, invention	<b>revolution</b> revolutionary
<b>discover</b> discovery	<b>observe</b> observer, observation	<b>science</b> scientist, (un)scientific(ally)
<b>explain</b> explanation	<b>possible</b> impossible, (im)possibility, (im)possibly	<b>technology</b> technological(ly), technical(ly); technician, technique
<b>important</b> unimportant, importance, importantly	<b>psychology</b> psychologist, psychological(ly)	<b>wood</b> wooden