Word Quest 6

List 9 · Science and technology 1

Vocabulary and example	Write it
animate v./adj. /ˈænɪmeɪt/ to make drawings or models seem to move in a film; also, alive **Family:** animates · animated · animation (n.) The studio **animated** the film by hand.	
automate v. /ˈɔːtəmeɪt/ to make a process work by machines instead of people **Family:** automates · automated · automation (n.) The factory **automated** its packaging.	
biotechnology n. /ˌbaɪəʊtekˈnɒlədʒi/ using living things like bacteria in science and industry **Family:** biotech (short) **Biotechnology** helps produce new medicines.	
cellular adj. /ˈseljʊlə/ about the cells of living things; also, about mobile phones **Use it with:** a cellular phone Scientists study **cellular** changes in cancer.	
condense v. /kənˈdens/ (of a gas) to become liquid; also, to make shorter **Family:** condenses · condensed · condensation (n.) Steam **condenses** on the cold window.	
configure v. /kənˈfɪgə/ to set up a computer or machine to work in a certain way **Family:** configures · configured · configuration (n.) I **configured** my new laptop.	

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Vocabulary and example	Write it

correlate v. /ˈkɒrɪleɪt/

to have a connection where one thing changes with another

Family: correlates · correlated · correlation (n.) **Use it with:** correlate with

Sleep **correlates** with good grades.

cyberspace n. /ˈsaɪbəspeɪs/

the online world of computers and the internet

Information travels fast in **cyberspace**.

earthen adj. /ˈɜːðən/

made of earth or clay

The farmers stored water in **earthen** pots.

electromagnetic adj. /ɪˌlektrəʊməgˈnetɪk/

about electricity and magnetism together

Light is a kind of **electromagnetic** wave.

empirical adj. /emˈpɪrɪkl/

based on experiments or experience, not only theory

Family: empirically (adv.)

We need **empirical** evidence.

engineer n./v. /ˌendʒɪˈnɪə/

a person who designs machines, roads or bridges; also, to plan cleverly

Family: engineers · engineered · engineering (n.)

My mum is an **engineer**.

flammable adj. /ˈflæməbl/

easily set on fire

Tip: Same meaning as “inflammable” (which does not mean “not flammable”).

Keep **flammable** liquids away from heat.

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Vocabulary and example	Write it
furnace n. /ˈfɜːnɪs/ a very hot container for heating metal or a building **Family:** furnaces The steel is melted in a huge **furnace**.	
geology n. /dʒɪˈɒlədʒi/ the study of rocks and how the Earth was formed **Family:** geologist (n.) · geological (adj.) She studied **geology** in Wuhan.	
glucose n. /ˈgluːkəʊs/ a natural sugar that gives the body energy Your brain uses **glucose** for energy.	
heredity n. /həˈredɪti/ passing features from parents to children through genes **Family:** hereditary (adj.) Eye colour is a matter of **heredity**.	

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