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.

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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