Word Quest 6

List 10 · Science and technology 2

Vocabulary and example	Write it

illuminate v. /ɪˈluːmɪneɪt/

to light up; also, to make something clear

Family: illuminates · illuminated · illumination (n.)

Lanterns **illuminated** the street.

insulate v. /ˈɪnsjuːleɪt/

to cover something to stop heat, sound or electricity passing through

Family: insulates · insulated · insulation (n.)

We **insulated** the roof to keep the house warm.

kerosene n. /ˈkerəsiːn/

a fuel oil used in lamps and heaters

Tip: British English often says “paraffin”.

The old lamp burns **kerosene**.

magnify v. /ˈmægnɪfaɪ/

to make something look bigger

Family: magnifies · magnified **Use it with:** magnifying glass

A microscope **magnifies** tiny things.

meteorology n. /ˌmiːtɪɔːˈrɒlədʒi/

the scientific study of weather

Family: meteorologist (n.)

She works in **meteorology** at the weather centre.

microbe n. /ˈmaɪkrəʊb/

a living thing too small to see without a microscope

Family: microbes

Microbes in the soil help plants grow.

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Vocabulary and example	Write it

microchip n. /ˈmaɪkrəʊtʃɪp/

a very small piece of silicon that works a computer or device

Family: microchips

Every phone contains many **microchips**.

nucleus n. /ˈnjuːklɪəs/

the centre of an atom or cell

Family: nuclei (pl.)

The **nucleus** contains the cell’s DNA.

DNA

propulsion n. /prəˈpʌlʃn/

the force that pushes something forward

Family: propel (v.)

Rockets use jet **propulsion**.

quantum adj./n. /ˈkwɒntəm/

about the very small units of energy in physics

Family: quanta (pl.) **Use it with:** quantum physics

Quantum computers may solve problems very quickly.

radiate v. /ˈreɪdɪeɪt/

to send out heat or light in all directions; also, to clearly show a feeling

Family: radiates · radiated · radiation (n.)

The fire **radiated** warmth.

relativity n. /ˌrelәˈtɪvɪti/

Einstein’s theory about space, time and movement

Einstein’s theory of **relativity** changed physics.

sociology n. /ˌsəʊsɪˈɒlədʒi/

the study of society and how people live together

Family: sociologist (n.)

She’s studying **sociology** at university.

Vocabulary and example	Write it

stimulus n. /ˈstɪmjʊləs/

something that causes a reaction or makes something grow

Family: stimuli (pl.)

Light is a **stimulus** for plant growth.

synthetic adj. /sɪnˈθetɪk/

made by people, not natural

Family: synthetically (adv.)

This jacket is made of **synthetic** fabric.

tolerance n. /ˈtɒlərəns/

accepting different ideas; also, the ability to bear something

Family: tolerant (adj.) · tolerate (v.)

Some people have a low **tolerance** for spicy food.

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