### UNIT



*n.* thermometer

a device used for measuring temperature



*adj.* exact completely correct or accurate



v. add

to put something with another thing



n. food coloring

substance added to food in order to change its color



*adj.* horizontal

straight and parallel to the ground



v. show

to allow something to be seen

#### **EXTRA WORDS**



v. convert

to change something into a different form



n. formula

a general rule expressed in letters and symbols



v. apply

to make use of something or use it for a practical purpose

### UNIT 2



v. cough

to force air out of your lungs through your throat



n. forehead

the flat part of the face, above the eyes and below the hair



n. stuff

some kind of substance, material, or equipment for which there may be no name



n. alcohol

a clear liquid that is used in fuel and medicines



n. reason

an explanation for why something happened



*adj.* botanical

involving or relating to plants or the study of plants

### **EXTRA WORDS**



v. react

to act in a particular way as a direct result of something else



adj. infrared

producing or using rays of lights that cannot be seen

### UNIT 3



*n.* movie

a film shown in a cinema or on television



v. finish

to complete something or come to the end



*n.* speed

the rate at which something moves or travels



*phr.* at the same time

during the same moment



*n.* order

the particular way that things are organized in a list or series



*n.* melting point

the temperature at which a substance melts





*phr.* wake up

to become fully awake



n. snowman

a figure made of snow that is shaped to look like a person



n. grandparent

a parent of your father or mother



adj. tasty

having a good flavor



*prep.* below

under



n. Celsius

a range of numbers for measuring temperature in which water freezes at 0° and boils at 100°

### UNIT 5



**n.** humidity

the amount of moisture in the air



v. sweat

to produce a liquid from skin when you are hot or nervous



**n.** hygrometer

a piece of equipment used to measure humidity



n. arrow

a mark that is used to show direction



n. cardboard

a stiff and thick kind of paper that is used for making boxes



v. expand

to increase in size, range, or amount





n. shrinkage

the act or process of becoming smaller in amount, size, or value



n. static electricity

electricity held or discharged by an insulated body



v. thrive

to grow, develop, or be successful; to do very well

## UNIT 6



adj. sticky

having a substance that things easily attach to



phr. go bad

to spoil, rot, or become unusable



adj. harmful

causing damage or harm



phr. not at all

used to say "no" or "not" strongly



n. skin

the natural outer layer that covers a person or an animal



v. breathe

to move air into and out of your lungs

## UNIT 7



#### *n.* handle

a part that is designed to be held by the hand



#### n. conduction

the process by which heat or electricity goes through a substance



#### v. involve

to have or include as a part of something



### n. copper

a metal that allows heat and electricity to pass through it easily



#### v. attach

to fasten or fix one thing to another



v. observe

to watch closely

#### **EXTRA WORDS**



*n.* conductor

a substance that allows electricity or heat to move through it

# UNIT 8



### n. igloo

a house made of snow or ice in the form of a dome



#### n. magazine

a thin book that contains articles and photographs



#### **n**, insulation

the state that stops heat or electricity from escaping or entering



**n**. heat

energy that causes things to become warmer



v. escape

to get away from a place



n. North Pole

the most northern point on the surface of Earth

### UNIT 9



*adj.* another different from the first or other



**n**, dissolution

the process of mixing with a liquid and become part of it



*n.* beaker

a glass or plastic container used in chemistry



adj. electronic

operating through the use of many small electrical parts



*n.* cube

a solid object with six square sides of equal size



adv. completely

entirely

# UNIT 10



n. coffee

a drink made from powder produced from coffee beans



adj. bitter

having a strong and often unpleasant flavor



adv. online

using the Internet



v. dissolve

to mix with a liquid and become part of the liquid



n. solute

a substance that has been dissolved in another substance



n. solvent

a liquid substance that is used to dissolve another substance

### UNIT ]]



*adj.* various several or many different things



*adj.* recognizable easy to recognize



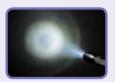
*n.* constellation

a group of stars that forms a particular shape in the sky and has been given a name



n. light box

a box containing light that makes and shows the pattern of something



v. shine

to send out or reflect light



n. ceiling

the inside surface at the top of a room

#### **EXTRA WORDS**



*n.* zodiac

an area of the sky which includes the path of the sun, moon, and planets

# **UNIT** 12



n. camping

the activity of sleeping outdoors in a tent



n. campfire

a fire that is built outdoors at a camp or picnic area



**n.** fog

small drops of water that form clouds close to the ground



v. point

to show where something is using your finger



v. spot

to see or notice



*n.* ladle

a large and deep spoon with a long handle that is used for serving a liquid

### **EXTRA WORDS**



*adj.* starry

full of stars

### UNIT 13



drops of water that form outside on grass or other surfaces



v. form to make, build, or create

n. branch

v. wipe



a part of a tree that grows out from the main stem



to clean or dry something by using a towel or a hand



n. incense sticka stick that is burned for its smell



phr. take out
to extract or remove

# **UNIT 14**



*adj.* foggy filled with fog



phr. come out from
to leave or emerge from
something



phr. cool down
to become cooler



phr. steam up
to become covered with a thin layer of water that looks like fog



phr. have a shower
to wash oneself by standing under the spray of water



phr. get home
to arrive at one's house

### **EXTRA WORDS**



*adj.* invisible impossible to see

## UNIT 15



v. invent

to create or produce for the first time



adj. aerospace

producing or operating an aircraft or spacecraft



*n.* drone

a small aircraft that flies without a pilot



*n.* satellite

a device that travels around the planet to collect information



n. rocket

a large object that moves very fast, used for space travel



n. universe

all of space and everything in it including stars, planets, etc.





n. saucer

a small, curved plate



v. flip

to bend in a certain direction

## UNIT 16



v. install

to make something ready to be used in a certain place



*n.* software

a program that runs on a computer



v. deliver

to take something to a person or place and leave it there



adj. expensive

costing a lot of money



adj. artificial

not real or natural; created or caused by people



n. heart

the organ in the chest that sends blood to other parts of your body