

Reading and Vocabulary Development 3: Cause & Effect, 4th Edition

Glossary

Chapter 1

aborigines	people whose ancestors were the original people living in a place, natives
adopted	took legal responsibility for acting as parent to a child
articles	short written pieces, such as newspaper stories
ashore	on shore; on land
at times	sometimes
base	the main place where one works or lives; headquarters
beggar	a person who asks for money
belongings	personal property
blind	not able to see
blizzards	storms with wind and snow
bodies	the physical form usually of a human or animal
borders	legal lines between countries
broke down	stopped working
built	made something from parts, materials, etc; constructed
cave	a hole in the ground, usually with an opening in the side of a hill or mountain
childhood	period of life from birth to about age 13
chosen	decided upon
civil war	war between people of the same country
creatures	living beings
crush	to push, press hard, or smash violently
cylinder	a shape or object with a flat, circular top and bottom and straight sides
decades	periods of ten years
delays	a stopping or slowing of something
density	a degree of concentration per unit area
descend	lower
details	specifics; small points
diameter	the width of a circle, measured by a straight line through its center from side to side
diversity	variety
edge	the border where two surfaces meet
enclosed	to shut in, to place within, put inside
endangering	causing danger to
escaped	got away from; fled

exhausted	very tired
expedition	a journey usually made by a group organized and equipped for a special purpose
experts	specialists; masters at something; authorities
exploration	a journey of discovery, a search
extremely	very
finally	at last
fresh	not salty (water); clean
fuel	a substance, such as coal, oil, or gasoline, that when burned releases heat to provide energy and power
gathered	brought together
geography	the way parts of a place are positioned within it
get along	be friendly; not fight
halfway	in the middle, between two points
hampered	hindered; slowed; made difficult
helmet	a protective head covering
hemisphere	half of the earth or any other sphere
heroes	people admired for bravery or great deeds
hollow	empty; with nothing inside
in order to	to
incentive	motive; reason for doing something
included	had in it
inland	toward the interior
interior	inside
joined	connected
journalist	a person whose job is to gather and report the news
lack	not having enough
like	similar to
lives on	continues to survive
loneliness	condition of being alone and feeling sad
mistake	an error
network	a system of connected travel routes or communication lines
orders	commands, directions
organization	a group of people working together for a purpose, such as a business or a hobby
pressure	application of force against something
proved	validated; showed that something is true
provide for	take care of
ran away	left without telling anyone

rather	instead; more exactly
real	true, serious
realized	learned, recognized, understood
remained	stayed, continued
remind	make us realize
remote	far away
research	search for new information
roughly	about; approximately
search party	a group of people who look for someone who is lost
secret	kept hidden from others; not expressed
separate	different
skilled	good at one's job
soldiers	people in the military
species	a grouping of living things
supplies	food and other necessary things
supported	gave money to live on
surface	the flat, top layer, or outer level of an object
surrounded	in the center of; bordered; enclosed
swamps	soft, wet lands with dense vegetation
temperatures	degrees of heat or cold
tons	a lot
turn into	change into; become
uneven	not flat
vitamin	any of many chemical substances necessary for good health
weak	not strong

Chapter 2

actually	really
afford	have enough money for
agricultural	related to farming
already	earlier, previously
archaeologists	people who study of human life and civilizations through items of the past such as buried houses, statues, pots, etc.
as well as	in addition to
available	in supply, obtainable
batteries	storage containers for electricity
branches	tree limbs

carpet	floor covering
chronic	long-lasting
clear	to remove things that block the way
combined	joined together
commercial	sold in the marketplace
consists of	is made up of
crucial	very important
deep	serious, severe
demand	a command, claim
depends on	relies on, counts on, hinges on, is controlled by
desctruction	terrible and complete ruin
developed	economically strong
dispose of	throw away
divorce	a legal ending of a marriage
domestic	related to one's home life
effect	result; outcome
emphasis	special importance placed on
empty	without contents, having nothing or no one inside; not full
end up	to come finally to a particular place or position
especially	particularly; just for a certain purpose
extended	(family) including many generations and relatives who may live in other households
fields	areas of land used for a specific purpose
financially	monetarily, economically
garbage	trash, refuse; things you do not want any more
gradually	slowly
grow up	to live in a place during one's youth
hazardous	dangerous; toxic
household	the person or people living together in one home
humidity	amount of moisture in the air
illiterate	unable to read or write
industrialization	the development of manufacturing, production, and commercialization in a nation
investigating	examining, evaluating, looking closely at
landfills	low-lying areas of land filled with garbage
last	to remain in supply
leaves	parts of plants, usually flat and green, growing from its stem or branches
level	height, vertical distance
limited	restricted in extent or amount

majority	more than half but not all
married couple	two people bound together as family by a legal union
matter	to be of importance, concern
modern	today's
moisture	wetness; amount of liquid on or in something
natural resources	raw materials found in nature, such as trees, oil, and natural gas
nearly	almost
negative	pessimistic, critical, against
no longer	not any more
nonrenewable	unable to be replaced
nuclear	(family) of two parents and their children living together in a household
nutrients	food
of course	naturally, clearly
official	authorized by a proper authority
on the other hand	seen in a different way
opportunities	chances for advancement
oxygen	a colorless, odorless gas (chemical symbol O) present in air, which is necessary for all forms of life
passed a law	approved a government rule
paths	narrow ways for walking
positions	jobs; places
positive	optimistic, hopeful
predict	to say what will happen in the future; to foretell
published	printed and distributed to the public
rechargeable	able to be energized again
recyclables	items that can be used again
region	area
relatives	people connected by blood or marriage to someone, relations
remaining	still existing
revealed	showed
roots	parts of plants that grow downward into the soil and bring food and water upward
sociologists	people who study human relationships and the way these relationships affect their world
sources	roots; origins; starting points
stabilized	reached a calm, undisturbed state

standard of living	the overall quality of life that people experience
such as	for example
surprising	unbelievable, shocking
take care of	care for, to take responsibility for, to protect
tasks	assignments, jobs to be performed
technologies	scientific and synthetic ways of doing things
threatened	at risk
through	in one side and out the other
throughout	everywhere around
tremendously	by a lot; enormously; greatly; marvelously
unsuccessful	failed, disappointing
waste	things that are not wanted and get thrown away, garbage
workforce	total number of people working

Chapter 3

accident	something harmful or unpleasant that happens by surprise
adjust	change
advancements	steps of progress, improvements
advantages	benefits; good outcomes
anthropologists	people who study different cultures
architects	people who design buildings
backwards	in the opposite direction
beams	long, thick pieces of metal or wood used to make buildings, bridges, etc.
bilingual	able to speak two languages
bombs	explosive devices
borrow	to copy or take words, ideas, etc
bothers	annoys, irritates
brain	the organ in the head used for thinking and feeling
broad	covering many topics
carries	brings or takes something somewhere
centers	middle areas, or main locations
characters	letters or marks used in writing
clockwise	in the direction that the hands of a clock move
counterclockwise	the direction opposite from that in which the hands of a clock move

crash	a violent hit against something, usually with damage; an accident
designing	making plans for; creating
diet	one's regular foods
divided	separated
earthquakes	sudden, violent movements of the earth
education	basic instruction or training in schools
estimate	judge; calculate
even though	although
exactly	precisely, accurately
fear	worry or anxiety that something bad will happen
fits	is suitable for; is a good match for, has the right characteristics for
forced	pushed, coerced
forming	making
harmless	not dangerous
heights	high places
immigrants	people who move to another country to live
in addition	and
in general	overall; generally
in good company	with a lot of good people
instructors	teachers
knocks	hits lightly, as with the knuckles or a tool
lifts	raises to a higher level
likely	probable, to be expected
linguists	people who study languages
logical	reasonable
loss	lack; absence of
mate	one of a pair of animals
maybe	perhaps
meaningful	significant, important
memorize	to remember something exactly
necessary	important, needed, essential
nest	a place made of twigs, grass, or leaves where birds or other animals, such as squirrels, raise their young
once in a while	periodically, sometimes
opposite	in contrast to
past	the time gone by, before the present
permitting	allowing

phobia	a specific fear
pleasant	nice, enjoyable, pleasing
prefer	like better
presents	gifts
psychologists	people who study human and animal behavior
public	the people of a local area, state, or country
rate	a speed, velocity
referred to	directed one's attention to
respond	react; acknowledge
senses	the ways our bodies receive information: sight, hearing, smell, taste, and touch
shy	timid, bashful, quiet
situation	the way things are at a certain time, the state of what's happening
skyscraper	a very tall building
snakes	long, slender reptiles with no legs that move with a curvy, winding motion
space	area
specialists	experts
spiders	small, eight-legged animals that trap insects in silken webs
spot	a mark that looks different from its background
stealing	taking
sticks out	is located outside of, beyond; points outward
story	a level of a building, a floor
straight	not curved or bent
stuttering	repeating words or parts of words
suffer	experience difficulties or pain
system	a group of related parts that function together for a purpose
takeoff	a rise or ascent, as of an aircraft from the runway
terrifying	very frightening; scary
title	the name of a rank of nobility, academic degree, or office
tools	implements, such as pairs of pliers, screwdrivers, hammers, or saws, used to make or repair things
traffic	the movement of vehicles, people, aircraft, etc., in a certain area
tunnel	a passage under the ground
whistles	makes a sound by blowing air through the lips
zone	an area of land or sky marked by a government, business, or person for a special purpose

Chapter 4

active	busy with movement
alarm	a warning device, such as a bell, siren, or buzzer
alternating	switching back and forth; taking turns
astonishing	amazing
atmosphere	air around the Earth
attacks	assaults; seizures
bacteria	tiny living things, microorganisms
balance	kept in equal strength, weight, etc.
biological	related to the science and study of life
boundary	a line dividing two places, a border
burst	to break open suddenly, especially because of inside pressure
caffeine	a stimulant; an ingredient in coffee and tea that energizes the heart and breathing
carbon dioxide	a gas with no color, taste, or smell, formed when people and animals exhale, and used in fire extinguishers and carbonated drinks
colonies	groups of people who have moved to another area of land, but are still governed by their home country
complex	complicated
conductor	something that electricity can pass through
consider	think, regard; to have an opinion on something
converted	changed
cope	face difficulties and try to overcome them
creating	making
crushed	smashed violently, pushed inward or against something
dawn	sunrise
debris	ruins, remains of something broken
efficiently	productively, economically
elements	any of more than one hundred basic chemical substances
epicenter	the exact center of an important event, esp. a violent one
erupted	exploded
exist	to occur, happen, take place
export	sell to other countries
fast	to eat and drink little or nothing
feast	to have a large, rich meal
fingerprint	the fine pattern made by a person's fingertips when covered with ink and pressed against paper
floating	resting or moving on the top of water or other liquid

flood	cover with water
geothermal	to heat found deep inside the earth
heartbeat	the pulse of blood pumping through a body
import	buy from other countries
inexhaustible	without end; limitless
jet lag	a tired feeling caused by travel into different time zones
keep from	prevent
laboratory	a specially equipped room for doing experiments and other exploratory work
layer	a level, tier, thickness
lessen	make less; decrease
lightning	an electrical discharge in the sky or between sky and earth, especially during a thunderstorm
loose	not tight
magic	the use of supernatural forces to control something
mathematicians	people who study numbers, symbols, and forms that follow strict rules and laws
melted	changed from a solid to liquid state, liquefied
microscopic	very small, visible only with a microscope
mid	the middle of
migrate	move, transfer
mild	moderate, gentle, calm
multiple	many; a number of
observes	views, watches, especially for anything unusual, examines
occurs	happens
ordinarily	usually
pattern	shape
photovoltaic cell	a cell made up of metallic film, silicon, and a metal base, capable of producing a voltage when exposed to light
physicist	a person who studies the most basic forms of matter, energy, and motion, including heat, light, sound, and electricity
planets	very large ball-shaped bodies (such as the Earth) that move around a star (such as the sun) in outer space
projects	specific tasks, pieces of work, missions
property	land and buildings, real estate
ranged	covered a wide area of land, ideas, or products
raw materials	natural resources
reasonable	acceptable; logical; appropriate
reluctant	hesitant; afraid; unwilling
rhythm	a regular beat

rolling	moving, curving, turning over, undulating
satellites	human-made objects that circle a larger one in space
scattered	distributed loosely and randomly as if by sprinkling
science fiction	a type of book or film about imaginary scientific events, such as space travel, the future, imaginary diseases, or strange animals
seismic	related to vibrations of the earth
seismology	the study of earthquakes and earth mechanics
semiconductors	something that electricity can pass through, but less than good conductors, and often used for electronic devices
signal	an action or thing that sends a message, often not using words
silicon	a nonmetallic element found in the earth and used in glass, brick, and other materials
simple	easy, not complex; without too many details
since	because
snowflake	a single piece of snow
so	true
so far	until now
solar	of the sun
solid-state	held in place; without moving parts
temperate	moderate in temperature, not too hot or too cold
thunder	the loud, strong noise that follows lightning
tides	changes in levels of sea and ocean water caused mainly by the moon's force of gravity
transparent	able to be seen through
trapped	not able to escape
unique	one of a kind
up to	no more than
vibrations	shaking movements
victims	someone or something that suffers from an accident, crime, illness, or bad luck
volcano	a hill or mountain formed by hot, melted rock escaping from beneath the earth
wide awake	fully alert; not sleeping

Chapter 5

a great deal	a lot
addictive	easy to become dependent on
adolescents	teenagers

aerobic	with increasing oxygen intake
analyze	to look closely at, evaluate
angiograms	x-rays of the heart arteries
antibiotics	types of medicine made from tiny microorganisms that are effective in fighting off other disease-causing microorganisms
anxiety	worry, nervous fear with or without reason about what will happen in the future
apparent	obvious; able to be seen clearly
arteries	large blood vessels going from the heart
aspirin	a painkiller (salicylic acid) in tablet form
attractive	pretty; handsome
blank	clear, without activity
block	to be in the way of; to prevent
blurred	unclear; obscured
boiling	heating a liquid until it reaches the temperature of 212°F or 100°C
cholesterol	a slippery white crystal-like substance found in the body, including the blood and the brain
circulating	moving or flowing around in a cycle
cluster	a tight grouping of something
complain	say they don't like
concentrate	think hard
concluded	determined; decided
confident	with strong belief in one's ability or that something will definitely happen
confused	unclear; mixed up
cough	push air out of the throat suddenly with a sharp sound
cruel	willing to cause others mental or physical pain, mean, vicious
deal with	cope with; face difficulties and try to overcome them
deposits	things put down or left through a natural process
diagnose	to discover or identify, usually a disease
drawings	sketches, illustrations, pictures
effort	an attempt, a try, endeavor
elaborate	complex, detailed
encourage	to give strength or hope to
epidemics	diseases that spread quickly among many people
evidence	words or objects that support the truth of something; proof
exaggerated	said to be more than it is
fatal	deadly; causing death
fever	higher than normal body temperature, usually due to infection

fire	to dismiss from employment
forehead	part of the face above the eyebrows
habit	a repeated behavior
hammer	a tool with a handle and metal head used for pounding
headache	a pain in the head
herbs	soft-stem plants used as seasoning or medicine
improve	to make better, enhance
influenza	a contagious illness spread by viruses; the flu
inherit	get from family, either biologically or as a gift
injected	put a substance, usually liquid, into a person or thing
institutions	organizations that help or serve people in the area of health, education, or work
intense	very strong
jaw	the lower and upper bones of the mouth, including the teeth
kidney	one of the two organs that clean our blood and are located in the lower back near the hips
leeches	worms that drink blood
lifestyle	the manner in which one lives
meanwhile	at the same time
menial	low-skill
migraine	a severe headache that some people get frequently
miserable	very bad; inferior
moldy	having a fungus
mosquitoes	small, biting, blood-sucking insects
needles	thin, pointed pieces of metal or plastic used for sewing, knitting, vaccines, or acupuncture
nightmares	bad dreams
pain	a hurt, a bad feeling ranging from a mild ache to extreme hurt caused by disease, injury, or mental distress
patient	a person cared for or treated by a doctor
periods	lengths of time
permanent	lasting forever
personal	private; about oneself
physical	of the body
pick up	to get or gain
plague	a fatal disease that spreads quickly to others
pounding	hitting something with force
pregnant	with a child in the womb

prescribed	wrote an order for medication
recipes	instructions for cooking
recurring	occurring again; happening repeatedly
reduction	decrease
relief	the taking away of or lessening of pain
remarkable	worthy of attention, noticeable; extraordinary, outstanding
risk factor	something that makes one more likely to be in danger
sanitation	ways to keep things clean and germ-free
services	assistance provided to the public, such as water, mail, or transportation
sewerage	for the removal of waste
snack	something small that can be eaten fast
sneeze	send air forcefully through the nose and mouth because of an irritation, cold, allergy, etc.
snoring	making sounds from one's nose and mouth while sleeping
sore	painful
stages	periods of time in a process
stare	look intensely
steady	continuing
substance	material; anything one can touch
supervise	to watch over the activity of others to maintain order and discipline
surgery	opening up the body to fix it
sweating	producing a salty moisture through the skin from heat, exertion, or hard work
swell	get larger
tension	a state of stress, nervousness
ticks	small, bloodsucking insects that attach themselves to larger animals
tuberculosis	a contagious lung disease
unfamiliar	strange; unknown
vaccination	the injecting of medicine into the bloodstream in order to prevent disease
valves	devices that open and close to stop or allow liquid or air to pass
viruses	any microorganisms smaller than bacteria that cause such diseases as the common cold, influenza, measles, and HIV
vision	ability to see; sight
vomit	to throw up; to expel (food, liquid from the stomach) through the mouth
warning	a sign of danger