

Glossary

This glossary contains meanings and pronunciations for some of the words in this book. The Full Pronunciation Key shows how to pronounce each consonant and vowel in a special spelling. At the bottom of the glossary pages is a shortened form of the full key.

Full Pronunciation Key

Consonant Sounds

b	bib , cabbage	kw	choir , quick	t	tight , stopped
ch	church , stitch	l	lid , needle , tall	th	bath , thin
d	deed , mailed , puddle	m	am , man , dumb	th	bathe , this
f	fast , fife , off , phrase , rough	n	no , sudden	v	cave , valve , vine
g	gag , get , finger	ng	thing , ink	w	with , wolf
h	hat , who	p	pop , happy	y	yes , yolk , onion
hw	which , where	r	roar , rhyme	z	rose , size , xylophone , zebra
j	judge , gem	s	miss , sauce , scene , see	zh	garage , pleasure , vision
k	cat , kick , school	sh	dish , ship , sugar , tissue		

Vowel Sounds

ă	pat , laugh	ö	horrible , pot	Û	cut , flood , rough , some
ā	ape , aid , pay	ō	go , row , toe , though	û	circle , fur , heard , term , turn , urge , word
â	air , care , wear	oi	boy , noise , oil	yōō	cure
ä	father , koala , yard	ou	cow , out	yōō	abuse , use
ě	pet , pleasure , any	ōō	full , book , wolf	ə	ago , silent , pencil , lemon , circus
ē	be , bee , easy , piano	ōō	boot , rude , fruit , flew		
ĭ	if , pit , busy				
ī	ride , by , pie , high				
î	dear , deer , fierce , mere				

Stress Marks

Primary Stress ´: bi·ol·o·gy [bī ɔɪ´ ə jē]

Secondary Stress ˘: bi·o·log·i·cal [bī ˘ ə lɔj´ ɪ kəl]

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A

a•board (ə bôrd´) *adverb and preposition* On, onto, or inside a vehicle, such as a ship, train, or bus: *The captain welcomed us **aboard** as we stepped onto the ship's deck.*

ab•sorb (əb sôrb´) *verb* Take in or soak up: *A sponge can **absorb** lots of water.*

ac•ci•dent (ăk´ sĭ dənt) *noun* An event that is not expected and not wanted: *Traffic was held up by two **accidents** on the highway.*

al•ti•tude (ăl´ tĭ tōod´) *noun* A height measured from sea level or from the earth's surface: *The plane flew at an **altitude** of 30,000 feet.*

an•chor (ăng´ kər) *noun* A heavy metal object, attached to a ship, that is dropped overboard to keep the ship in place: *It took two sailors to raise the heavy **anchor** when the ship was ready to sail.*

ap•proach (ə prōch´) *verb* To come near or nearer: *As the storm **approached**, people were told to leave their seaside homes.*

ar•riv•al (ə rĭ´ vəl) *noun* The act of reaching a place: *We waited for the **arrival** of our guests.*

av•a•lanche (ăv´ ə lănch´) *noun* A large amount of snow, ice, or earth that falls down a mountain: *Skiers should be warned of the danger of **avalanches** on this mountain.*

B

base (bās) *noun* The lowest part; bottom: *We camped at the **base** of the cliff.*

bat (băt) *verb* To hit or tap: *The baby **batted** at the ball playfully, trying to make it roll.*

bay (bā) *noun* A part of the sea that cuts into the land: *Have you ever seen sharks swimming in this **bay**?*

bur•den (bûr´ dən) *noun* A heavy or difficult load to be carried: *Donkeys are often used to carry a **burden**.*

bur•y (bĕr´ ě) *verb* Cover from view; hide: *I **buried** my face in the pillow.*

buzz (bûz) *verb* To make a low, humming sound like a bee: *The mosquitoes are **buzzing**, and I can't get to sleep.*

C

car-ton (kär' tn) *noun* A cardboard box used to hold goods: *Let's pack these gifts into a mailing carton.*

chill-y (chil' ē) *adjective* Unpleasantly cold: *Please take a jacket if the weather is damp and chilly.*

clat-ter (klät' ūr) *verb* To make a rattling sound: *The pots and pans clattered as they fell on the floor.*

cli-mate (kli' mīt) *noun* The usual weather that occurs in a place: *The climate in polar areas is very harsh.*

clue (klōō) *noun* Something that helps to solve a problem or mystery: *Here are some more clues to the riddle.*

clump (klŭmp) *noun* Thick cluster or group: *Watch out for clumps of poison ivy along the path!*

col-o-ny (kōl' ə nē) *noun* A group of living things of the same kind living or growing together: *A colony of bees built a hive in the tree.*

com-pli-ca-ted (kōm' plī kā' tīd) *adjective* Not easy to understand, deal with, or solve: *Did you do the complicated problem on page 5?*

console (kən sōl') *verb* To make someone feel less sad: *Rosa's friends tried to console her when she didn't make the soccer team.*

con-stant (kōn' stənt) *adjective* Without a break or pause: *The car is in constant use.*

con-ver-sa-tion (kōn' vər sā' shən) *noun* Informal talk between two or more people: *My sister has some long phone conversations with her friends.*

cov-er-ing (kŭv' ər ſng) *noun* Something that covers: *If it rains during our camping trip, we can put waterproof coverings on the tents.*

cur-rent-ly (kŭr' ənt lē) *adverb* At the present time; now: *That movie is currently showing.*

D

dis-solve (dī zōlv') *verb* To change from a solid to a liquid: *To make hot chocolate, dissolve sugar and cocoa powder in hot milk.*

dra-mat-ic (drə măt' ik) *adjective* Exciting: *The dramatic ending of the play left the audience stunned.*

carton



clue

Clue is sometimes spelled *clew*. In a Greek myth, a prince named Theseus was jailed by King Minos. To escape, Theseus had to enter a maze, battle a creature called the Minotaur, and find his way out of the maze again. Theseus used a *clue*, a ball of thread, to guide him out of the maze.

drip (drĭp) *verb* To fall or let fall in drops: *Water is **dripping** into the attic from a leak in the roof.*

drow-sy (drou zē) *adjective* Sleepy: *The **drowsy** cat took a nap in the garden.*

E

e•quip-ment (ĭ kwĭp' mənt) *noun* The things that are needed for a purpose: *This store sells camping **equipment**.*

ev•i-dence (ĕv' ĭ dəns) *noun* Facts or signs that help one find out the truth or decide: *The broken window was **evidence** that a burglary had taken place.*

F

fetch (fĕch) *verb* To go and bring back: *Please **fetch** a book from the shelf so that I can read.*

fierce (fĭrs) *adjective* Wild and savage; dangerous: *Tigers can be **fierce** animals.*

fos-sil (fös' əl) *noun* The remains or traces of a plant or animal of an earlier age: *These tiny **fossils** are the bones of ancient birds.*

fright-en-ing (frĭt' nĭng) *adjective* Scary: *We spent a **frightening** few minutes listening to the bear outside our tent.*

G

glance (glānts) *verb* To look and quickly look away: *Just by **glancing** at the bear, I could tell that it was still quite young.*

glide (glĭd) *verb* To move smoothly, quietly, and with ease: *Many skaters were **gliding** gracefully around the ice rink.*

glob-al (glō' bəl) *adjective* Worldwide; relating to the entire earth: *Many countries are cooperating in a **global** effort to end hunger.*

greed•i-ly (grē' də lē') *adverb* In a way that shows you are taking or eating more than you need: *The little dog **greedily** ate all of its food and begged for more.*

guide (gĭd) *verb* To show the way to; direct: *The ranger **guided** us along the park's trails.*

drip



H

halt (hôlt) *verb* To come or bring to a stop: *Police will **halt** traffic to let the parade pass.*

hard-ly (hărd' lē) *adverb*
Barely; only just: *This box is so heavy I can **hardly** lift it.*

he-ro-ic (hə rō' ik) *adjective*
Like a hero; brave: *It is **heroic** when firefighters save people from burning buildings.*

hesitation (hě' zī tā' shən) *noun*
A pause before doing something: *After some **hesitation**, I decided to try the broccoli.*

I

ig-nore (ig nôr') *verb* To purposely pay no attention to: *Edwin **ignores** his alarm clock on the weekend.*

in-crease (in krēs') *verb* To make or become greater or larger: *As your height **increases**, you usually gain weight, too.*

in-spire (in spīr') *verb* To move to action: *The promise of money **inspired** me to work extra hard.*

L

land-scape (lănd' skāp') *noun*
A stretch of land that is viewed as scenery: *We watched the desert **landscape** from the car window.*

la-va (lä' və) *noun* Melted rock that flows from a volcano: *Hot **lava** oozed down the side of the volcano.*

lay-er (lä' ər) *noun* A single thickness, coating, or sheet of material covering a surface: *Sprinkle a **layer** of cheese on top of the tomato sauce.*

load (löd) *verb* To put into a vehicle or structure for carrying: *The dock workers **loaded** grain onto the ship.*

lo-ca-tion (lō kā' shən) *noun*
A place where something is or can be found: *We finally found the **location** of the airport.*

love-ly (lūv' lē) *adjective*
Beautiful; very pleasing: *Their garden is the **loveliest** one I have ever seen.*

lava

The word *lava* comes from an Italian word. The Italian word, in turn, came from the Latin word *labes*, meaning “fall.”

M

man•age (măn' ij) *verb* To succeed in doing something: *I **managed** to finish my work ahead of time.*

mi•grate (mī' grāt) *verb* To move regularly from one region or climate to another: *Many birds **migrate** to warmer places for the winter.*

O

o•ver•heat•ed (ō' vər hēt' id) *adjective* Too hot: *Pets can easily get **overheated** on hot summer days.*

P

pas•sage (päs ij) *noun* Narrow pathway or channel: *Busy ants dig a maze of **passages** in each anthill.*

pleas•ure (plēzh' ər) *noun* A feeling of happiness or enjoyment; delight: *She smiled with **pleasure** when she saw the puppies.*

plen•ty (plēn' tē) *noun* A full supply or amount: *Children need **plenty** of exercise.*

pol•len (pōl' ən) *noun* Tiny grains that fertilize female plants to produce seeds: *Flower **pollen** makes new plants grow, but it also makes me sneeze all spring!*

pol•lu•tion (pə lōō' shən) *noun* The act of making dirty, impure, or harmful; the condition of being dirty, impure, or harmful: *Smog is a kind of air **pollution**.*

prai•rie (prār' ē) *noun* A large, mostly flat grassland with few trees: *Wheat and other grains grow well on the flat lands of the **prairie**.*

proj•ect (prōj' ēkt') *noun* A plan for doing something; scheme: *The town's voters approved the building **project**.*

prove (prōōv) *verb* To show to be true by backing up with facts: *Getting an A on the test will **prove** that you studied.*

R

re•cy•cle (rē sī' kəl) *verb* To treat materials that have been thrown away in order to use them again: *Many cities **recycle** glass, cans, and newspapers.*

re-gion (rē' jən) *noun* A usually large area of the earth's surface: *This region receives very little rainfall each year.*

re-mains (rī mānz') *noun* All or part of a dead body: *The remains of this polar bear were covered by ice for hundreds of years.*

re-un-ion (rē yōon' yən) *noun* A gathering of the members of a group who have been separated: *Our family has a yearly reunion.*

rip-ple (rīp' əl) *verb* To form or cause to form small waves: *The surface of the river rippled when I skipped a stone across it.*

rough (rŭf) *adjective* Not smooth to the touch: *The outside of a pineapple is rough, but the skin of a banana is smooth.*

rub-bish (rŭb' ish) *noun* Trash: *Please take this rubbish out to the trash can.*

rus-tle (rŭs' əl) *noun* A soft crackling sound like dry leaves: *I love to hear the rustle of paper when I unwrap a package.*

S

scold (skôld) *verb* To angrily tell someone about his or her mistakes: *Jake's mother was scolding him for being careless with his new toy.*

sec-tion (sĕk' shən) *noun* A part taken from a whole: *A slice is a section of a cake or pie.*

shade (shād) *noun* An area that is partly dark because light has been blocked off from it: *It is too cold to sit in the shade.*

shel-ter (shĕl' tər) *noun* Something that protects or covers: *Stand under the shelter at the bus stop if it's raining.*

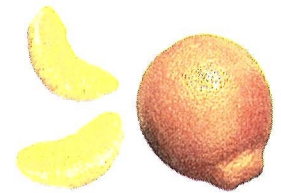
sin-cere (sĭn sĭr') *adjective* Honest; real; genuine: *Our feelings are sincere.*

skel-e-ton (skĕl' ĭ tn) *noun* The framework of bones in the body of a human being or an animal having a backbone: *People training to be doctors study skeletons to learn about human bones.*

slick (slĭk) *adjective* Very smooth and slippery: *After the rain, the sidewalks were slick so we had to step carefully.*

reunion
The word *reunion* was formed by joining the Latin prefix *re-*, meaning "again," with the Late Latin word *unire*, meaning "to unite." Therefore *reunion* means "to unite again."

section



slope (slōp) *noun* A stretch of ground that slants upward or downward: *The slopes on the hills behind our house are great for sledding.*

sniff (snĭf) *verb* To breathe in through the nose quickly and with a soft noise: *Mom likes to sniff the fresh herbs from her kitchen garden.*

sol-id (sōl' id) *adjective* Hard, firm; not hollow: *Those statues are made of solid ice.*

spine (spĭn) *noun* Part of a plant or animal that sticks out with a sharp point: *Porcupines are covered in prickly spines, or quills.*

spot (spŏt) *verb* To see, find, or locate: *The bird watchers spotted a huge woodpecker on their walk.*

store (stôr) *verb* Put away for future use: *Squirrels store acorns for winter.*

suc-ceed (sək sēd') *verb* To carry out something desired or tried: *We will succeed at reaching our goal if we all work together.*

sur-viv-al (sər vī' vəl) *noun* The act or fact of staying alive: *The family's survival is due to the firefighters' quick action.*

T

tank (tängk) *noun* A container for holding or storing liquids or gases: *Divers always check to be sure that their tanks are filled with air.*

tem-per-a-ture (tēm' pər ə chər) *noun* Hotness or coldness as measured on a standard scale: *The temperature is warmer in the sun than in the shade.*

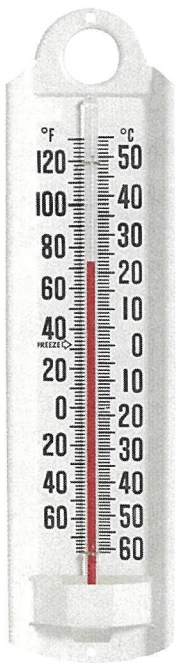
ter-ror (tēr' ər) *noun* Very great fear: *I screamed in terror as the roller coaster turned upside down.*

through-out (thrōō out') *preposition* In, to, or through every part of: *We walked throughout the city and saw all the sights.*

thump (thŭmp) *verb* To hit in a way that makes a low, dull sound: *The children thumped their feet to the beat of the music.*

thun-der-ous (thŭn' dər əs) *adjective* Loud and rumbling: *A thunderous noise woke everyone up.*

temperature



trop-i-cal (tröp ĭ kəl)

adjective From or typical of the tropics, the warm areas of Earth near the equator: *Mangoes and bananas are both **tropical** fruits.*

twist (twĭst) *verb* To wind together to form a single strand: *I watched as the woman **twisted** her long hair into a beautiful braid.*

U**un-cov-er** (ŭn kŭv' ər)

verb To reveal or remove the cover from: *Workers digging the tunnels are **uncovering** many objects from an earlier time.*

un-ex-pect-ed (ŭn' ĭk spēk' tĭd) *adjective* Taking place without warning: *We gasped when we heard the **unexpected** news.*

V

voy-age (voi' ĭj) *noun* A long journey made on a ship, aircraft, or spacecraft: *The astronauts will remember their **voyage** into space for the rest of their lives.*

W

wil-der-ness (wĭl' dər nĭs) *noun* An area in a wild, natural state in which there are no people: *You might see unusual animals and plants in a **wilderness**.*

voyage

