



Read Naturally®  
*Encore*  
Masters Edition

**Glossary**

Phonics Level

**2.7**

Long Vowels

Read Naturally created this glossary as a reference book for use with Read Naturally Encore level 2.7.  
The definitions provided correspond to the words as they are used in the stories in this level.  
It is not a general dictionary.



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# Glossary

## Read Naturally Level 2.7

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# Ain't I a Woman?

## **aid**<sup>19</sup>

Aid is help or assistance. *Food, money, and free work are different kinds of aid you can give to an organization.*

## **claimed**<sup>20</sup>

Claimed means said something as if it were true.

## **equal**<sup>12</sup>

When we say people are equal, we mean they have the same rights to do things.

## **gain**<sup>13</sup>

Gain means to earn, get, or win. *Jill was able to gain two new friends at her summer camp.*

## **gathered**<sup>17</sup>

Gathered means brought together in one place. *Ivie gathered her hair behind her head with a barrette.*

## **grain**<sup>18</sup>

Grain is the seeds of plants used to make things like bread and cereal. *Rice, corn, and wheat are three kinds of grain.*



## **on the way**<sup>21</sup>

On the way means starting to come or starting to develop. *We could see from the dark clouds that a storm was on the way.*

## **plain**<sup>14</sup>

Plain means simple, not decorated or fancy.

## **plowed**<sup>16</sup>

Plowed means turned up the soil to get it ready for planting. *The farmer plowed his fields and planted corn.*



## **rights**<sup>11</sup>

When we say people have rights, we mean people are able to do or have certain things, such as freedom. *We have many rights, including the right to say what we think.*

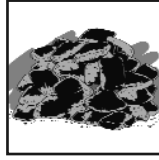
## **slave**<sup>15</sup>

A slave is a person who is forced to work for someone else.

# An Important Energy Source

## <sup>22</sup> **coal**

Coal is hard, black rocks dug out of the ground and burned to give heat.



## <sup>31</sup> **coated**

When things are coated, they are covered with something. *The walls are coated with paint.*

## <sup>26</sup> **energy**

Energy is the power that makes machines work. *Electricity is the energy that makes the lights work in my house.*

## <sup>23</sup> **gas**

A gas is like air and can be used to make things burn or make things float. *Helium is a gas we put in balloons to make them float in the air.*

## <sup>29</sup> **notice**

Notice means to see or to observe. *Maria wants her dance teacher to notice that she is a good dancer.*

## <sup>24</sup> **oil**

Oil is a liquid found in the ground that can be burned to give heat.

## <sup>30</sup> **plates**

Plates are objects that are hard, thin, and flat.



## <sup>32</sup> **rays**

Rays are beams of light.



## <sup>27</sup> **solar**

Solar means having to do with the sun. *Our solar system is the sun and all the planets that move around it.*

## <sup>33</sup> **sole**

Sole means single or the only one. *Lynn's sole task at the company is to answer phones; she doesn't do anything else.*

## <sup>25</sup> **sources**

Sources are people, things, or places that something comes from. *Beehives are sources of honey.*

## <sup>28</sup> **stored**

Stored means kept or held for later use. *My baseball cards are stored under my bed.*

# The Pacemaker—A Heart Saver

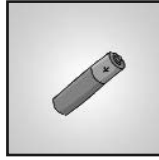
Story 3  
Glossary, Tracks 11–21

## <sup>15</sup> **aids**

Aids means gives help to someone or something. *A cat aids people by keeping mice out of their houses.*

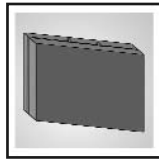
## <sup>20</sup> **battery**

A battery is something that makes electricity by combining chemicals. Some machines use batteries instead of plugging into an electrical outlet. *My flashlight isn't working, so I will need to put in a new battery before our camping trip.*



## <sup>17</sup> **case**

A case is a box or package for protecting or holding something. *When I'm not using my camera, I keep it in a case so it doesn't get broken.*



## <sup>11</sup> **electric**

Electric means uses electricity in order to work. *Our TV, toaster, and lamps are electric, so we have to plug them in to use them.*



## <sup>12</sup> **normal**

Normal means the way something usually is. *It is normal for Jean to take the bus; she usually rides the bus every day.*

## <sup>16</sup> **racing**

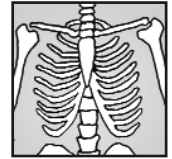
Racing means moving at a faster than normal rate. *We were racing to get dressed in time for the school bus.*

## <sup>13</sup> **rate**

Rate is the number of times something happens in a certain amount of time. *The car moves at a rate of 30 miles per hour.*

## <sup>18</sup> **rib cage**

A rib cage is part of an animal's skeleton that protects the heart, lungs, and other organs in the body. The rib cage is made up of the ribs and their connecting bones.



## <sup>21</sup> **sensor**

A sensor is something that picks up signals. *A smoke alarm has a sensor that senses smoke.*

## <sup>14</sup> **steady**

If something is steady, it keeps moving at the same speed. *The hands on a clock move around at a steady speed.*

## <sup>19</sup> **wires**

Wires are pieces of thin metal used for carrying electricity. *Wires in a computer help it work.*

# Old Animal Friends

## <sup>30</sup> **coat**

An animal's coat is its fur, wool, or hair.  
*The bear's coat keeps it warm in the winter.*

## <sup>25</sup> **corn**

Corn is a plant. Its seeds are used as food for people and animals.

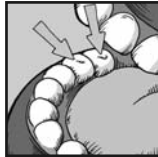


## <sup>31</sup> **cozy**

If something is cozy, it is warm and comfortable. *A blanket is cozy.*

## <sup>24</sup> **molars**

Molars are large teeth in the back of the mouth that are used for grinding up food.



## <sup>26</sup> **oats**

Oats are plants. Their seeds are used as food for people and animals. *Oatmeal is made from the seeds of oats.*



## <sup>23</sup> **own**

When you own something, it is yours. *After Meg pays for the toy, she will own it.*

## <sup>22</sup> **probably**

Probably means likely to be or likely to happen. *The dark clouds in the sky mean it will probably rain.*

## <sup>28</sup> **swallows**

Swallows makes something such as food or drink go through the throat and into the stomach. *The baby sucks on the bottle and swallows the milk.*

## <sup>29</sup> **unique**

Unique means different from all others. *Every snowflake is unique; each has a different shape and pattern.*

## <sup>27</sup> **wheat**

Wheat is a plant. Its seeds are used as food for people and animals. *The seeds of wheat are ground to make flour.*





# Calamity Jane

## <sup>11</sup> **1800s**

The 1800s was a period of time from the start of the year 1800 to the last day of 1899. *There were no TVs in the 1800s.*

## <sup>21</sup> **adventures**

Adventures are interesting or exciting things people do.

## <sup>20</sup> **claimed**

Claimed means said something as if it were true.

## <sup>22</sup> **grave**

A grave is a place where a dead person is buried. *After my grandfather died, he was buried in a grave near the church.*



## <sup>15</sup> **plains**

Plains are large areas of flat land.



## <sup>13</sup> **range**

A range is a large area of open land where animals can move about and eat grasses and other plants. *Cows, deer, and prairie dogs live on the range of the western United States.*

## <sup>19</sup> **saint**

A saint is someone people think is very kind and good.

## <sup>18</sup> **smallpox**

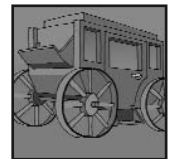
Smallpox is a dangerous disease that causes a high fever, body aches, and small spots that cover the skin.

## <sup>17</sup> **soft**

Soft means gentle and caring.

## <sup>14</sup> **stagecoach**

A stagecoach is a four-wheeled carriage pulled by horses and used before cars were invented.



## <sup>16</sup> **straight shot**

A straight shot is a person who is skillful with a gun and has very good aim.

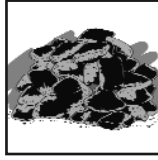
## <sup>12</sup> **Wild West**

The Wild West was the last part of the United States that the pioneers moved into.

# The Coldest Place on Earth

## <sup>29</sup> **coal**

Coal is hard, black rocks dug out of the ground and burned to give heat.



## <sup>27</sup> **coast**

The coast is the place where an ocean touches land. *When we visited the coast, we went fishing, swam in the ocean, and laid on the beach.*



## <sup>26</sup> **fresh water**

Fresh water is water that does not have salt. *Lakes and rivers have fresh water.*

## <sup>23</sup> **frozen**

If something is frozen, it is turned to ice because of the cold.

## <sup>30</sup> **future**

The future is time that has not yet happened. *We haven't seen the play yet, but we hope to see it sometime in the future.*

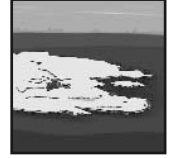
## <sup>24</sup> **globe**

The globe is a model of the planet Earth.



## <sup>31</sup> **ice floes**

Ice floes are big sheets of floating ice.



## <sup>28</sup> **iron ore**

Iron ore is rocks and minerals from which we get the metal iron.

## <sup>25</sup> **store**

A store is a collection or supply of something. *The squirrel has a store of food for the winter.*

## <sup>32</sup> **sun**

Sun means to be in the sun to get warm, dry, or tan.

## <sup>11</sup> **1800s**

The 1800s was a period of time from the start of the year 1800 to the last day of 1899. *There were no TVs in the 1800s.*

## <sup>17</sup> **blaze**

When things blaze, they are bright. *The gardens blaze with the colors of the bright tulips.*

## <sup>12</sup> **failed**

Failed means did not do well at something. *Adam failed the test because he did not study for it.*

## <sup>18</sup> **failure**

A failure is someone or something that does not succeed or do well at something. *Ruben could not get people to shop at his store, so his business was a failure.*

## <sup>15</sup> **frail**

Frail means weak or thin. *The very sick woman looked frail.*

## <sup>20</sup> **framed**

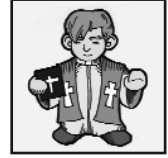
Framed means given a border around the edges of something. *The windows are framed in wood that is beautiful and also strong enough to handle heavy use.*

## <sup>19</sup> **mental illness**

Mental illness is sickness that affects how the mind works and how a person's mind experiences the world.

## <sup>14</sup> **minister**

A minister is someone who is allowed to perform religious duties in some religions. *At the end of the wedding, the minister pronounced the couple married.*



## <sup>16</sup> **plain**

Plain means simple, not decorated or fancy.

## <sup>13</sup> **trained**

Trained means learned how to do something. *Sharyin trained to be a teacher by going to college and by teaching while another teacher watched.*

# The Story of Stoves

## <sup>24</sup> **bored**

Bored means drilled or poked. *A tunnel was bored through the mountain by the machine.*

## <sup>21</sup> **cast iron**

Cast iron is a metal that is molded to make sturdy things. *My mom's cooking pots are made of cast iron.*

## <sup>26</sup> **chimneys**

Chimneys are tall, hollow vents or openings that let air or smoke rise out of closed spaces. *Smoke was coming from the chimneys because people were using their fireplaces.*

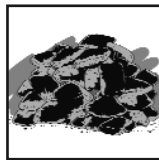


## <sup>25</sup> **clay**

If something is clay, it is made from a kind of mud that gets hard when it dries. *Some people make clay pots, bowls, and plates.*

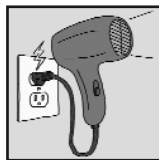
## <sup>31</sup> **coal**

Coal is hard, black rocks dug out of the ground and burned to give heat.



## <sup>32</sup> **electric**

Electric means uses electricity in order to work. *Our TV, toaster, and lamps are electric, so we have to plug them in to use them.*



## <sup>30</sup> **gas**

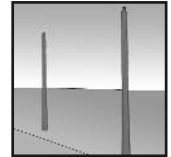
A gas is like air and can be used to make things burn or make things float. *Helium is a gas we put in balloons to make them float in the air.*

## <sup>22</sup> **mold**

A mold is an empty container that people pour liquid into. When the liquid hardens, it has the same shape as the container. *An ice cube tray is a mold and this mold shapes the ice into cubes.*

## <sup>27</sup> **poles**

Poles are long, round posts. *The men had to use machines to dig deep, wide holes in which to set the tall poles.*



## <sup>28</sup> **soapstone**

Soapstone is a kind of rock that feels soft and smooth.

## <sup>29</sup> **stored**

Stored means kept or held for later use.

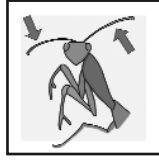
## <sup>23</sup> **stove**

A stove is something that gives off heat for cooking or for making a house warm.

# Clown Shrimp

## <sup>17</sup> **antennae**

Antennae are the body parts on the heads of insects and some other animals that are used for sensing things.



## <sup>16</sup> **appearance**

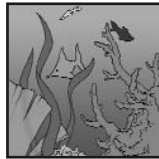
An appearance is the way someone or something looks. *She combs her hair often because she cares about her appearance.*

## <sup>18</sup> **aquarium**

An aquarium is a tank or bowl that is used for keeping animals that live in the water. *We put fresh water in the aquarium where our pet goldfish live.*

## <sup>11</sup> **coral reef**

A coral reef is a stone-like structure under the surface of the ocean that is built up over a long time from the skeletons of many tiny sea animals called corals.



## <sup>13</sup> **feasting**

Feasting means eating a lot of food, often in one large meal. *Beth's family will spend this Thanksgiving feasting on turkey and many other dishes.*

## <sup>21</sup> **feature**

Feature means to show, offer, or make something a main part. *The front page of the newspaper will feature a story about polar bears.*

## <sup>14</sup> **habits**

Habits are repeated behaviors or normal ways of doing things. *A cat's grooming habits include licking its fur.*

## <sup>19</sup> **sensitive**

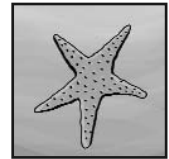
Sensitive means easily hurt by things. *She is so sensitive that she cried when the teacher gave her a C on her paper.*

## <sup>12</sup> **shrimp**

A shrimp is a small water animal with ten legs and a shell that is like a hard skin.

## <sup>15</sup> **starfish**

A starfish is a sea animal that is shaped like a star. It has five or more arms and lives in shallow areas of the sea.



## <sup>20</sup> **willing**

Willing means ready or wanting to do something. *Marni was willing to help out at the car wash because she wanted to raise money for her school.*

## <sup>28</sup> cruise

When you cruise, you move along smoothly in a car, boat, or other moving vehicle. *We like to cruise around the lake in our speedboat.*

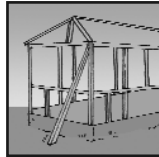
## <sup>30</sup> engine

An engine is a machine that makes things work or go. *The engine in my car is not working, so I cannot drive to work today.*



## <sup>22</sup> frame

A frame is a structure, like a skeleton, that something is built around so that it has a shape and support. *A house's frame is often made of wooden beams.*



## <sup>33</sup> frequently

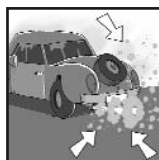
If something happens frequently, it happens often or many times.

## <sup>25</sup> fuel

Fuel is something that burns to give heat, light, or power. *Gas is fuel for cars.*

## <sup>26</sup> fumes

Fumes are gases or puffs of smoke. *It is not good to breathe in the fumes from old cars.*



## <sup>24</sup> gas

Gas is a short way of saying gasoline. Gasoline is a liquid fuel that is made from oil.

## <sup>32</sup> oil

Oil is a liquid found in the ground that can be used to make the parts of a machine move more smoothly.

## <sup>27</sup> refuse

Refuse means to say no, or to say you will not do or accept something. *He is full, so he will refuse dessert.*

## <sup>29</sup> ruin

Ruin means to destroy or make something unusable or unsuccessful. *They hoped the storm would not ruin their house; if it did, they would need to find a new place to live.*

## <sup>23</sup> tubular

If things are tubular, they are shaped like tubes. *Pipes are tubular.*

## <sup>31</sup> tuned

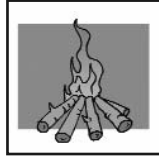
When an engine is tuned, small changes are made to make it run better.

# Wild Plants You Can Eat

Story 11  
Glossary, Tracks 11–19

## <sup>16</sup> **campfire**

A campfire is a fire that is set up outdoors, usually on the ground, for cooking, warmth, or pleasure.



## <sup>17</sup> **idea**

An idea is a thought or plan. *Mom's idea was to make cookies this afternoon.*

## <sup>19</sup> **in the wild**

In the wild means in an area of land where very few people live, and plants and animals live without the help of people. *Some people learn to survive in the wild by learning how to find food and water and how to avoid dangerous animals.*

## <sup>13</sup> **modern**

Modern means new, up-to-date, and in the present day. *The new school will be more modern—it will have more computers and a pool.*

## <sup>12</sup> **seek**

Seek means to look for or try to find. *Jerome is moving next week, so he will seek friends in his new neighborhood.*

## <sup>14</sup> **streak**

If you have a streak of something in you, you will sometimes act a certain way. *Mike had a mean streak in him that made him lose his temper.*

## <sup>18</sup> **weeds**

Weeds are wild plants that grow where you do not want them. *He pulled the weeds from his garden.*



## <sup>11</sup> **wild**

Wild means living or growing in nature without the help of people.

## <sup>15</sup> **wildness**

Wildness is the quality of being wild, not tamed, or not settled down.

## <sup>32</sup> charmer

A charmer is a person who seems to control something or someone with a special power.

## <sup>30</sup> cue

A cue is a signal. *The actor waited for his cue from the director before going on stage.*

## <sup>25</sup> flatten

Flatten means to press something flat, or to make something thinner. *I will flatten the pie crust with a rolling pin.*

## <sup>23</sup> hue

A hue is a shade of color. *A tree in the fall can have a red hue.*



## <sup>28</sup> instrument

An instrument is something that is used to make music. *A drum is a loud instrument.*

## <sup>20</sup> loyal

Loyal means faithful to or willing to stay with someone or something. *My dog is loyal; he follows me everywhere and sleeps on my bed at night.*

## <sup>21</sup> master

A master is a person in control of other people or animals.

## <sup>31</sup> movements

Movements are the acts of moving or changing positions. *We could see how hard the wind was blowing from the flapping movements of the flag.*

## <sup>24</sup> pursue

When you pursue something, you follow it or chase it. *A fox will pursue its prey.*

## <sup>26</sup> rattle

Rattle means to make many quick tapping or knocking sounds. *If you shake a lot of pebbles together, you will hear them rattle as they knock against each other.*

## <sup>27</sup> ruse

A ruse is a trick or plan for fooling someone.

## <sup>29</sup> sway

Sway means to move back and forth slowly. *The tree's leaves sway in the wind.*

## <sup>22</sup> unique

Unique means different from all others. *Every snowflake is unique; each has a different shape and pattern.*



# Even Dogs Dream

## **deal with**<sup>17</sup>

Deal with means to handle a problem or difficulty. *To deal with my cold, I took cold medicine and went to bed early.*

## **dream**<sup>11</sup>

Dream means to have pictures, thoughts, or feelings in the mind while sleeping. *The night before a test, I always dream I have forgotten all the answers.*



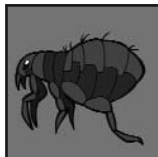
## **electric eels**<sup>16</sup>

Electric eels are long fish that look like snakes and can produce electricity from their bodies.



## **flea**<sup>19</sup>

A flea is a tiny insect. A flea doesn't have wings, but it can jump very high.



## **flee**<sup>12</sup>

Flee means to run away quickly from something. *Wild rabbits flee when people come near them.*

## **gold**<sup>15</sup>

Gold is yellow metal that people can find in the ground and in streams. *Many people wear jewelry made out of gold.*

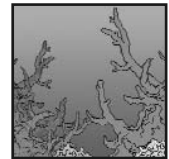


## **lids**<sup>18</sup>

Lids are the layers of skin that cover the eyeballs when the eyes are closed.

## **reefs**<sup>14</sup>

Reefs are stone-like structures under the surface of the ocean that are built up over a long time from the skeletons of many tiny sea animals called corals.



## **stranded**<sup>13</sup>

Stranded means stuck in a place that is hard to get out of without help. *Julio was stranded when his car broke down in the middle of the desert; there was no one around to help him.*

# Musical Instruments

## <sup>27</sup> **communicate**

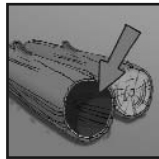
Communicate means to tell or share information and ideas. *My friend and I communicate by sending each other an email every week.*

## <sup>25</sup> **fragile**

If something is fragile, it is easy to break or damage. *Don't drop the glass vase because it is very fragile.*

## <sup>20</sup> **hollow**

Hollow means empty on the inside. *Pipes are hollow.*



## <sup>23</sup> **hula**

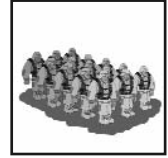
Hula is a style of dance from cultures in the South Pacific where dancers move their hips and hands to tell a story. *Hula dancing is popular in Hawaii.*

## <sup>29</sup> **messages**

Messages are spoken or written information sent from one person or group to another person or group. *I had five messages on my phone when I got home tonight.*

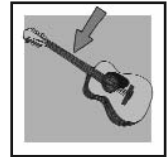
## <sup>28</sup> **military**

Military means having to do with soldiers and their weapons. *My uncle had a military job for four years; during that time, he fought in a war.*



## <sup>24</sup> **neck**

A neck is a narrow section of something. *The neck of a guitar is the part that is long and narrow.*



## <sup>22</sup> **scale**

A scale is a set of musical sounds that are arranged in order from low to high or high to low. *There are eight notes in a scale.*

## <sup>26</sup> **seldom**

Seldom means not very often. *Because four-leaf clovers are very rare, people seldom find them.*

## <sup>21</sup> **tube**

A tube is a long, round shape that is empty in the middle. *A garden hose is a tube, and so is a drinking straw.*

## <sup>12</sup> **archeologists**

Archeologists are scientists who study ancient people and things.

## <sup>16</sup> **ceremonies**

Ceremonies are special acts or events done in certain ways, often to celebrate something. *Wedding ceremonies usually involve two people promising to love each other in front of their families and friends.*

## <sup>17</sup> **ease**

Ease means freedom from difficulty. *Chandra has a time of ease when she relaxes with a good book.*

## <sup>19</sup> **equals**

Equals are people in a group who have the same importance and the same rights to do things.

## <sup>13</sup> **leaping**

Leaping means jumping.



## <sup>11</sup> **peace**

Peace is a time when groups of people are not at war with each other.

## <sup>20</sup> **priests**

Priests are people who lead religious ceremonies.

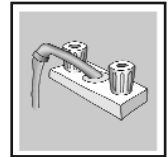
## <sup>15</sup> **probably**

Probably means likely to be or likely to happen. *The dark clouds in the sky mean it will probably rain.*

## <sup>18</sup> **running water**

Running water is water that people force to flow to the places where it is needed.

*Houses with running water have places where water can be turned on and off.*



## <sup>14</sup> **weapons**

Weapons are tools that can be used to attack or defend.

*Some weapons used for deer hunting are rifles and bows and arrows.*



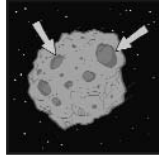
# Planets in Our Solar System

## <sup>30</sup> circular

If something is circular, it has the shape of a circle. *Most doughnuts are circular.*

## <sup>28</sup> craters

Craters are big, hollow areas in rocks that are usually bowl-shaped. *There are craters at the top of Mount Saint Helens where the lava poured out when the volcano erupted.*



## <sup>27</sup> fluids

Fluids are liquids. *When you are sick, doctors usually tell you to drink lots of fluids.*



## <sup>25</sup> hue

A hue is a shade of color. *A tree in the fall can have a red hue.*

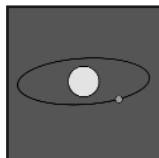


## <sup>32</sup> lunar

Lunar means having to do with the moon. *He put the lunar rocks in his science fair display about the moon.*

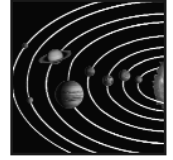
## <sup>31</sup> orbit

An orbit is the path that one object in space takes around another. *Earth's orbit around the sun takes about 365 days to complete.*



## <sup>23</sup> planets

Planets are the round objects in outer space that go around the sun.



## <sup>24</sup> solar system

A solar system is a sun and all the bodies that move around it, including planets, moons, comets, and asteroids.

## <sup>22</sup> stars

Stars are balls of burning gas in space that give off heat and light. Stars look like points of light in the night sky. *Our sun is one of the many stars in the universe.*

## <sup>29</sup> suitable

Suitable means right for something or a good fit. *The dull knife was not suitable for cutting the tough meat.*

## <sup>26</sup> unique

Unique means different from all others. *Every snowflake is unique; each has a different shape and pattern.*

## <sup>21</sup> universe

The universe is everything that exists. *The universe includes all the stars, planets, and moons.*

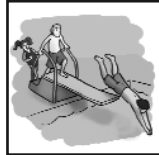
# Jumping Mice

## <sup>12</sup> **balance**

Balance means to stay steady and not fall down. *After Kayden learned how to balance on his bike, he didn't tip over anymore.*

## <sup>19</sup> **dives**

When something dives, it moves down from a high place, head first and at a fast speed. *The pelican flies above the water until it sees a fish; then it dives straight down and grabs the fish in its mouth.*



## <sup>20</sup> **flattens**

Flattens means presses something flat, or makes something thinner. *To make the pie crust, Mario flattens the dough with a rolling pin.*

## <sup>17</sup> **gliding**

Gliding means moving smoothly and easily. *The skater was gliding across the ice.*

## <sup>16</sup> **grains**

Grains are the seeds of plants used to make things like bread and cereal. *Rice, corn, and wheat are three kinds of grains.*

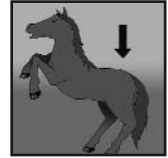


## <sup>14</sup> **hibernate**

Hibernate means to sleep during the winter months. *Bears hibernate in the caves until spring.*

## <sup>11</sup> **hind**

Hind means back, or rear. *The horse stood up on its hind legs.*



## <sup>15</sup> **sites**

Sites are places or the locations of things. *Those squares of dirt in the back yard will make good sites to plant gardens.*

## <sup>18</sup> **talons**

Talons are the claws of birds of prey.



## <sup>13</sup> **wild**

Wild means not raised, grown, or controlled by people.

## <sup>21</sup> **cruise**

When you cruise, you move along smoothly in a car, boat, or other moving vehicle. *We like to cruise around the lake in our speedboat.*

## <sup>27</sup> **extreme**

Extreme means beyond the normal or usual level. *The mountains he skied on were extreme; they were the steepest and most difficult places to ski in the country.*

## <sup>26</sup> **flight**

A flight is a trip through air or space made by an aircraft or space vehicle. *The boy took his first flight on a large airplane.*

## <sup>23</sup> **life-support systems**

Life-support systems are machines that help people do things necessary to stay alive. *Life-support systems help people breathe when they can't breathe by themselves.*

## <sup>25</sup> **oxygen**

Oxygen is a gas found in the air and in water. *When you breathe, your body gets the oxygen it needs from the air.*

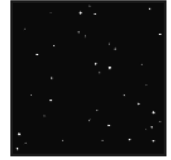
## <sup>30</sup> **shuttle**

A shuttle is a vehicle that can fly into space and return to Earth.



## <sup>22</sup> **space**

Space is the place where the stars and the planets are.



## <sup>24</sup> **space suits**

Space suits are special clothing worn by space travelers that keep them warm and let them breathe in outer space.



## <sup>29</sup> **store**

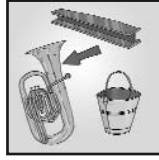
When you store something, you keep it in a special place. *Teachers store pencils and other supplies in their desks.*

## <sup>28</sup> **thermal control system**

A thermal control system will make sure the temperature is not too hot or too cold.

## <sup>16</sup> **brass**

Brass is a kind of metal that is usually yellowish in color.



## <sup>12</sup> **design**

The design is the way something is built or made. *A racecar's design makes it able to go fast.*

## <sup>15</sup> **electricity**

Electricity is power that is used for lighting, heating, and making machines work. *When I plug in my hair dryer, it uses electricity.*

## <sup>18</sup> **experiment**

An experiment is a careful test to see if something is true or if something works. *They did an experiment to see how much faster ice melts at 100 degrees compared to 50 degrees.*

## <sup>13</sup> **glides**

Glides means moves smoothly and easily. *When a bird glides through the air, it doesn't even flap its wings.*



## <sup>14</sup> **idea**

An idea is a thought or plan. *Mom's idea was to make cookies this afternoon.*

## <sup>17</sup> **spark**

A spark is a short, bright light that is caused by electricity. *I saw a spark when Mom plugged in the old lamp.*

## <sup>11</sup> **tails**

Tails are the last parts of things. A tail extends beyond the main part.

# The African Gnu

## <sup>19</sup> **antelope**

An antelope is a hoofed animal that looks like a deer.



## <sup>21</sup> **beard**

A beard is hair that grows from the chin.



## <sup>24</sup> **calf**

A calf is the young of a cow or bull, or of certain other animals, such as whales, dolphins, buffalo, elephants, and giraffes. *A mother dolphin takes good care of her calf after it is born.*

## <sup>25</sup> **common**

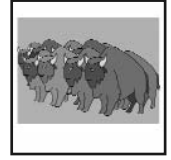
Common means often seen or heard. *Rain showers are common in the spring.*

## <sup>23</sup> **feed**

When animals and babies feed, they eat. *The penguins return to the sea to feed on fish.*

## <sup>22</sup> **herd**

A herd is a group of animals of the same kind. *The herd of buffalo roamed across the great plains.*



## <sup>26</sup> **in the wild**

In the wild means in an area of land where very few people live, and plants and animals live without the help of people. *Some people learn to survive in the wild by learning how to find food and water and how to avoid dangerous animals.*

## <sup>20</sup> **stripes**

Stripes are long, thin lines of color.





# Is It Really a Flower?

## <sup>18</sup> **entirely**

Entirely means completely or totally. *My cat's fur is entirely black; she doesn't have any other colors.*

## <sup>16</sup> **fine**

Fine means very thin, light, or delicate. *A spider makes its web out of fine threads of silk.*

## <sup>13</sup> **fungi**

Fungi are plants like mushrooms that have no leaves and grow in wet places.

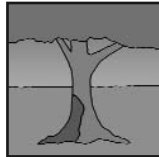


## <sup>12</sup> **fungus**

A fungus is a plant like a mushroom that has no leaves and grows in wet places.

## <sup>15</sup> **moss**

Moss is a fuzzy plant that grows near the ground where it is a little wet.



## <sup>21</sup> **nodding**

Nodding means moving the head up and down.

## <sup>11</sup> **pipe**

A pipe is a thing used for smoking tobacco. It has a hollow stem attached to a bowl that holds the tobacco.



## <sup>20</sup> **ripe**

When things are ripe, they are finished growing or are fully developed.

## <sup>22</sup> **sight**

Sight means to see, spot, or notice something. *The sailor is watching from the ship, hoping to sight land.*

## <sup>14</sup> **soil**

Soil is dirt in which plants grow. *Mom put rich soil into the pot when she planted the fern.*

## <sup>17</sup> **stem**

A stem is the long, thin part of a plant that has a leaf or flower at the end or top.



## <sup>19</sup> **waxy**

Waxy means like wax, which is a solid substance that is made of fat or oil.

# Valley of Ten Thousand Smokes

## <sup>29</sup> **ash**

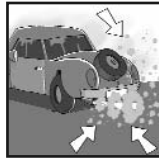
Ash is gray powder left over after something has been burned. *The logs in the fireplace turned to ash after they were burned.*

## <sup>26</sup> **fired**

Fired means shot or blew something out.

## <sup>28</sup> **fumes**

Fumes are gases or puffs of smoke. *It is not good to breathe in the fumes from old cars.*

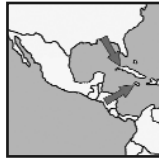


## <sup>30</sup> **glaciers**

Glaciers are large pieces of ice that move slowly down a mountain or over the ground.

## <sup>31</sup> **islands**

Islands are lands surrounded by water.

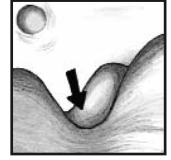


## <sup>23</sup> **preserve**

A preserve is an area where wild plants and animals are protected.

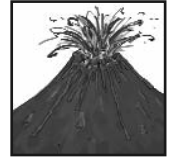
## <sup>27</sup> **valley**

A valley is the low land between hills or mountains



## <sup>24</sup> **volcanoes**

Volcanoes are openings in the earth that shoot out lava, ash, and steam; the hills around these openings, made by the cooled, hardened lava, are also called volcanoes. *Lava shoots from some volcanoes, but other volcanoes no longer shoot out lava and steam.*



## <sup>25</sup> **zone**

A zone is an area that is used for a special purpose. *The no-parking zone is a place where no cars can park.*

# Land of Fire and Ice

## <sup>13</sup> **climate**

Climate is the kind of weather that a place usually has. *The climate in the Arctic Circle is cold.*

## <sup>18</sup> **erupting**

Erupting means exploding or bursting, and shooting out fire, smoke, water, or another substance. *When volcanoes are erupting, they shoot out lava and ash; when geysers are erupting, they shoot out water.*



## <sup>21</sup> **explore**

Explore means to look for something new or try to find information about something. *The people at the job fair will explore the many things they can do for a living.*

## <sup>20</sup> **flight**

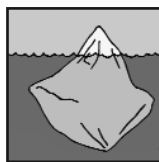
A flight is a trip through air or space made by an aircraft or space vehicle. *The boy took his first flight on a large airplane.*

## <sup>15</sup> **glaciers**

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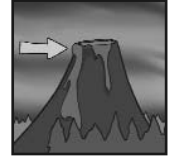
## <sup>14</sup> **icebergs**

Icebergs are large pieces of floating ice that have broken off from glaciers.



## <sup>17</sup> **lava**

Lava is hot, melted rock that comes out of a volcano.



## <sup>11</sup> **lies**

If something lies somewhere, it is in that place. *A giant stone lies in the corner of our yard.*

## <sup>12</sup> **opposites**

Opposites are things that are as different from one another as possible. *Hot and cold are opposites, and good and evil are opposites.*

## <sup>19</sup> **springs**

Springs are streams of water that flow from under the ground and are often the sources of larger bodies of water.

## <sup>16</sup> **volcanoes**

Volcanoes are openings in the earth that shoot out lava, ash, and steam; the hills around these openings, made by the cooled, hardened lava, are also called volcanoes. *Lava shoots from some volcanoes, but other volcanoes no longer shoot out lava and steam.*

# Woman of San Nicolas Island

Story 24  
Glossary, Tracks 22–32

## <sup>32</sup> based on

Based on means created from something that happened or from something that already existed. *I want to see the new movie; it is based on one of my favorite old books.*

## <sup>23</sup> coast

The coast is the place where an ocean touches land. *When we visited the coast, we went fishing, swam in the ocean, and laid on the beach.*



## <sup>24</sup> crude

Crude means rough, simple, or basic. *When Andre was stuck in the woods, he made a crude bed out of pine needles.*

## <sup>26</sup> gathered

Gathered means brought together in one place. *Ivie gathered her hair behind her head with a barrette.*

## <sup>30</sup> greet

Greet means to welcome or to say hello or other friendly words when you meet someone. *Many people shake hands when they greet each other.*

## <sup>22</sup> island

An island is land surrounded on all sides by a body of water.



## <sup>29</sup> mainland

The mainland is a large piece of land that makes up most of a country or continent. Islands are not part of the mainland. *Hawaii is part of the United States, but it is not on the mainland where the rest of the states are.*

## <sup>25</sup> plumes

Plumes are the large, fluffy feathers on some birds.



## <sup>31</sup> rescue

A rescue is the act of bringing someone to safety. *The lifeguard came to the boy's rescue when she saved him from drowning.*

## <sup>28</sup> wild

Wild means not trained to live with people. *People should not keep wild animals, like lions, as pets.*

## <sup>27</sup> wove

Wove means made something like a cloth or a basket by crossing threads or strips over and under each other. *I wove a basket.*

