

**Class**

**Name**

## Unit 1. How Sounds Move

Word	PoS	English Definition	Sample Sentence
reach	v.	to arrive at a place	She couldn't reach the apple. She was too short.
transfer	v.	to move from one place to another	We transferred the car seat to the other car.
siren	n.	a device for making a loud warning noise	In an emergency, the siren will be sounded.
matter	n.	a substance of particular type	Most vegetable matter is compostable.
waterproof	adj.	not allowing water to go through	This coat isn't waterproof, so don't forget your umbrella.
spot	n.	a particular place	This looks like a nice spot for a picnic.

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## Unit 2. Water Music

Word	PoS	English Definition	Sample Sentence
synchronized swimming	n.	a sport that people make attractive movements in the water at the same time	She started synchronized swimming at the age of 12 because she was a good swimmer.
dance	v.	to move the body and feet to music	Can you dance the tango?
love	v.	to like something very much	I'm sure he loves his kids.
block	v.	to stop from moving through	A fallen tree is blocking the road.
answer	v.	to say or write something when someone asks you a question	You haven't answered my question.
shout	v.	to speak with a very loud voice	There's no need to shout, I can hear you.

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## Unit 3. Mirror Vision

Word	PoS	English Definition	Sample Sentence
mirror	n.	a piece of glass that reflects images	She was looking her reflection in the mirror.
dentist	n.	a person whose job is treating people's teeth	You should have your teeth checked by a dentist.
same	adj.	exactly like another or each other	He has lived in the same city all his life.
raise	v.	to lift something to a higher position	Raise your hand if you know the answer.
ambulance	n.	a special vehicle used to take sick people to hospital	She was taken by ambulance to the hospital.
driver	n.	someone who drives a vehicle	My mom is an excellent bus driver.

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## Unit 4. Writing Backward

Word	PoS	English Definition	Sample Sentence
way	n.	a route, direction, or path	Do you know the way to the restaurant?
speak	v.	to say words using the voice	Jessica speaks with an American accent.
mean	v.	to intend	What does this word mean?
read	v.	to look at words and understand what they mean	I can't read your handwriting because it is so untidy.
right	adj.	correct	I set the clock to the right time.
clever	adj.	showing intelligent thinking	Jacob is very clever at mathematics.

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## Unit 5. Sedimentary Rocks

Word	PoS	English Definition	Sample Sentence
finger	n.	the long, thin, separate parts of the hand	I cut my finger chopping onions last night.
sedimentary	adj.	made from material that sinks to the bottom of a liquid	Sandstone is a sedimentary rock.
model	n.	something that represents another thing that is smaller than the real object	His hobby is making a plastic model aircraft.
instead	adv.	in place of someone or something else	There's no tea. Would you like a cup of coffee instead?
mixture	n.	a substance made from combination of different things	Mix the sugar and butter until the mixture is light and fluffy.
minimize	v.	to reduce something to the least possible level	The company will work to minimize costs.

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## Unit 6. Making Rocks from Rocks

Word	PoS	English Definition	Sample Sentence
gravel	n.	small, rounded stones	They covered the driveway with gravels.
sediment	n.	material that sinks to the bottom of a liquid	There were black sediments in the bottom of the bottle.
mud	n.	earth that has been mixed with water	My car is stuck in the mud.
press	v.	to push with strong or steady force	Press the button to start the machine.
mass	n.	a solid with no clear shape	The water froze into an icy mass.
fossil	n.	something from a plant or animal that has been preserved in rock for a very long period	I saw a dinosaur fossil at the museum.

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## Unit 7. Fun Fossils

Word	PoS	English Definition	Sample Sentence
most	adj.	the majority of	I don't eat meat, but I like most types of fish.
bone	n.	the hard parts inside a human or animal that make up its frame	She broke a bone in her right arm.
die	v.	to stop living or existing	He died while he was sleeping.
shell	n.	the hard outer covering of sea creatures	We collected shells at the beach.
clay	n.	heavy soil that is soft when wet and used for making containers	Clay is used for making bricks and pots.
firm	adj.	not soft but not completely hard	The ground was not firm enough to build on.

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## Unit 8. Tony and the Fossil

Word	PoS	English Definition	Sample Sentence
field trip	n.	a visit to a place that is made by students to study something	Shannon took her class on a field trip to the zoo.
geopark	n.	an area of public land relating to the earth, ground, and soil	The geopark is a popular destination for tourists.
look for	phr.	to try to find something	Please help me look for my keys.
shellfish	n.	sea creatures that live in shells	Lobsters, crabs, and oysters are all shellfish.
rare	adj.	not common	The museum is full of rare and precious treasures.
thanks to	phr.	because of someone or something	It's thanks to Sandy that I heard about that news.



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## Unit 9. Bouncing Sounds

Word	PoS	English Definition	Sample Sentence
notice	v.	to become conscious of something	He noticed his friend sitting at the next table.
hard	adj.	not easy to bend, cut, or break	This bread is as hard as a rock.
bounce	v.	to hit a surface and quickly move in a different direction	The ball bounced off the wall.
material	n.	a physical substance that things can be made from	Clay is a very flexible material.
wooden	adj.	made of wood	The house is surrounded by a wooden fence.
absorb	v.	to take something in	Houses need to have walls that will absorb heat.

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## Unit 10. Mountain Echo

Word	PoS	English Definition	Sample Sentence
excited	adj.	feeling very happy and enthusiastic	The children were excited before the school play.
breeze	n.	a light and pleasant wind	She let the gentle breeze cool her face.
amazing	adj.	extremely surprising	He gave an amazing performance in his first film.
worth	adj.	important enough to receive a particular action	This is a movie worth seeing alone.
difficult	adj.	not easy or simple	Our last test was extremely difficult.
echo	n.	a sound that is heard after it has been reflected off a surface	We shouted into the canyon and listened to the echo of our voices.

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## Unit 11. Sort with Sieves

Word	PoS	English Definition	Sample Sentence
pure	adj.	not mixed with anything else	This is a pure cotton shirt.
substance	n.	material with particular physical characteristics	Rubber is a flexible substance.
soybean	n.	the bean of an Asian plant that contains a large amount of protein	Add soybean sauce on your noodles.
separate	v.	to divide into parts	I separated the documents into three piles.
sort	v.	to separate a number of things into groups	Please sort paper, plastic, and cans for recycling.
sieve	n.	a tool with net attached to it to separate solids from a liquid	Pass the sauce through a sieve to make it smooth.

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## Unit 12. The Incredible Beach-cleaning Machine

Word	PoS	English Definition	Sample Sentence
clean up	phr.	to make a place clean and tidy	We will go out as soon as I clean up my room.
mess	n.	a state of being dirty	He makes a terrible mess when he's cooking.
strange	adj.	unusual and unexpected	I have a strange feeling that we'd met before.
pick up	phr.	to collect someone or something	A truck picks up the recycling once a week.
waste	n.	unwanted material of any type, what is left over	The city produces 20 million tons of waste each year.
take away	phr.	to remove something	Take these chairs away. We don't need them.

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## Unit 13. Drops of Water

Word	PoS	English Definition	Sample Sentence
happen	v.	to come into existence	A funny thing happened in the classroom today.
vapor	n.	gas or small drops of liquid that result from the heating	Warm air is able to hold more water vapor than cold air.
condensation	n.	small drops of water that form on a cold surface	We get a lot of condensation on the walls in the winter.
foil	n.	a very thin sheet of metal used to wrap food	Cover the dish with aluminum foil.
plate	n.	a flat and usually round dish that is used for eating or serving food	Steve ate three plates of pasta.
compare	v.	to look for the difference between two or more things	I compared several bicycles before buying one.

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## Unit 14. Hot Water, Cold Lid

Word	PoS	English Definition	Sample Sentence
by oneself	phr.	alone, without any help	I have to do the whole assignment all by myself.
careful	adj.	giving a lot of attention to what you are doing	Be careful with the glasses.
suddenly	adv.	quickly and unexpectedly	Suddenly, I heard a scream from outside.
lid	n.	a cover on a container that can be removed	Can you get the lid off this jar?
normal	adj.	ordinary or usual	The temperature was below normal for the time of year.
boiling	adj.	heated to the point when it starts to turn into a gas	Add salt in a pot of boiling water.

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## Unit 15. Protecting the Environment

Word	PoS	English Definition	Sample Sentence
planet	n.	a large, round object in space (e.g. Earth) that travels around a star	Might there be intelligent life on other planets?
human	n.	people as opposed to animals	The human body is composed of about 60 percent water.
pollution	n.	damage caused to water, air, etc. by harmful substances or waste	The fish are dying from water pollution.
environment	n.	the air, water, and land in or on which living things live	It would be better for the environment if more people used bikes rather than cars.
affect	v.	to have an influence on	The accident will affect the value of the car.
suggest	v.	to mention an idea for other people to consider	I suggest an Italian restaurant near the station for dinner.

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## Unit 16. Geologists Study the Earth

Word	PoS	English Definition	Sample Sentence
geologist	n.	a person who studies geology	She majored geology and became a geologist.
curious	adj.	interested in learning about things around you	Babies are curious about everything around them.
understand	v.	to know the meaning of something	I can't understand a word you're saying.
farming	n.	the activity of working on a farm	Modern farming has led to the destruction of many wildlife habitats.
predict	v.	to say that something will happen in the future	I can't predict what will happen next year.
earthquake	n.	a shaking of a part of the Earth that often causes great damage	It was a devastating earthquake.