Answer Key

Class _____ **Name** _____

Unit 1. Air Pressure Creates Wind

Word	PoS	English Definition	Sample Sentence
tiny	adj.	extremely small	The computer chips are tiny.
particle	n.	an extremely small piece of matter	There are dust particles in the motor.
blow up	phr.	to fill with air or gas	We blew up twelve balloons for Charles' party.
binder clip	n.	a device for binding sheets of paper together	I went to a stationery store to get some binder clips for my school assignment.
thick	adj.	having a large distance between two sides	He wore glasses with thick lenses.
remove	v.	to take away from a place	Remove the trash from the front yard.
all the way	phr.	as much as possible or completely	If you really want to become an actor, I will support you all the way.
molecule	n.	the simplest unit of a chemical substance	A molecule of water consists of two atoms of hydrogen and one atom of oxygen.

Word Test Answer Key

Class _____ **Name** _____

Unit 2. The Weather Forecast

Word	PoS	English Definition	Sample Sentence
weather forecast	n.	a statement of what the weather is likely to be for the next few days	Have you heard today's weather forecast?
continue	v.	to keep happening or doing something	If the rain continues, we'll have to cancel tonight's plans.
expect	v.	to think that something will happen	We expect that the economy will improve.
southern	adj.	located in or toward the south	She owns a house in the southern London.
region	n.	a particular area or part of the world	This is the most densely populated region of North America.
business trip	n.	a journey taken for business purposes	I had to make a business trip to Prague.
cancel	v.	to decide that an organized event will not happen	They canceled tomorrow's game because of the bad weather.
in advance	phr.	before a particular time	If you are coming to my home, please let me know in advance.

Word Test Answer Key

Class _____ **Name** _____

Unit 3. How Does Heat Move Liquids?

Word	PoS	English Definition	Sample Sentence
kettle	n.	a container used for heating or boiling liquid	Put the kettle on the stove so we can have a cup of tea.
heat	v.	to cause to become warm or hot	I heated the vegetables in the microwave.
finally	adv.	used to describe the last action in a series of actions	I finally found my wallet.
water tub	n.	a wide container used to hold water	My younger sister loves to swim in the big water tub.
support	v.	to hold something or someone up	My grandfather supports himself with a cane.
dropper	n.	a glass or plastic tube that is used to measure out liquids by drops	He put drops in his eyes with a dropper.
process	n.	a series of actions that produce something	Warm air rises by the process of convection.
convection current	n.	a process that involves the movement of energy (heat) from one place to another	Water in the kettle finally boils thanks to convection currents.

Word Test Answer Key

Class _____ **Name** _____

Unit 4. Water Moves Around the World

Word	PoS	English Definition	Sample Sentence
equator	n.	an imaginary line drawn around the middle of Earth	Indonesia lies on the equator.
circulation	n.	the movement of air, water, etc., through the different parts of something	This drug improves blood circulation.
seawater	n.	water in or from the sea	You will become thirstier if you drink seawater.
per	prep.	for each	The tickets are 25 dollars per person.
take	v.	to need a period of time in order to complete something	It will take several years to finish the bridge.
thousand	n.	the number 1,000	The population of the village is about three thousand.
circulate	v.	to go around or through something	Hot water circulates through the heating system.
whole	adj.	complete or full	I spent the whole day cleaning the house.

Word Test Answer Key

Class _____ **Name** _____

Unit 5. Growing Mushrooms

Word	PoS	English Definition	Sample Sentence
fungus (pl. fungi)	n.	an organism that gets its food from other living things	Mushrooms and mold are fungi.
mold	n.	a soft substance that grows on damp or rotten things	There was mold on the cheese.
nutrient	n.	a substance that plants and animals need to live and grow	A heathy diet should provide all your essential nutrients.
alive	adj.	living; not dead	He managed to stay alive for a week without any food.
instruction	n.	information about how to do or use something	You should read each instruction carefully.
include	v.	to have as part of a group or total	Tax and service are included in the bill.
spawn	n.	the eggs of fish, frogs, etc.	Salmons return to deposit their spawn.
spore	n.	a reproductive cell made by some plants and mushrooms	Fungi spread by means of spores.

Word Test Answer Key

Class _____ **Name** _____

Unit 6. I Am Not a Plant!

Word	PoS	English Definition	Sample Sentence
mushroom	n.	a fungus with a round top and stem	Unfortunately, some poisonous mushrooms look like edible mushrooms.
wide	adj.	extending a great distance from one side to the other	Her eyes were wide with wonder.
stalk	n.	a thick and tall stem of a plant or a mushroom	Those flowers have pretty tall stalks.
photosynthesis	n.	the process by which a green plant uses sunlight to turn water and carbon dioxide into its own food	Plants get their nutrients from photosynthesis.
dead	adj.	no longer living	His dog is dead. He died last year.
reproduce	v.	to produce young plants, animals, etc.	The virus is able to reproduce itself.
gill	n.	the thing forming the undersurface of the cap of a mushroom	Mushrooms have spores in the gill under the cap.
land	v.	to arrive on the ground after moving through the air	A butterfly landed on the flower.

Word Test Answer Key

Class _____ **Name** _____

Unit 7. Water Drops

Word	PoS	English Definition	Sample Sentence
state	n.	the way of existing	The building is in a state of disrepair.
surface tension	n.	the force existing in a liquid that holds its surface together	A water strider walk on water thanks to surface tension.
penny	n.	a coin worth one cent in American dollars	I keep pennies in a colorful jar.
pipette	n.	a glass tube used for measuring or moving a small amount of liquid	Use a pipette to only add a few drops of alcohol.
one at a time	phr.	with each thing following another in order	Take the pills one at a time if you don't want them stuck in your neck.
count	v.	to say numbers one after the other in order	Let's count out loud from one to ten.
spill	v.	to fall or flow over the edge of a container	He spilled a bag of sugar all over the floor.
eventually	adv.	in the end	I'm sure that we will succeed eventually.

Word Test Answer Key

Class _____ **Name** _____

Unit 8. A Water Strider

Word	PoS	English Definition	Sample Sentence
water strider	n.	a long-legged bug that moves on the surface of the water	It's amazing that water striders can walk on the surface of water!
reservoir	n.	a usually artificial lake that is used to store water	The reservoir is low after the long drought.
look like	phr.	to be similar in appearance to someone or something	The twins look like their mother.
thin	adj.	having a small distance between two opposite sides	Dictionaries are printed on thin paper.
pair	n.	two things that are the same and are meant to be used together	I can't find a matching pair of socks.
scientific	adj.	of or relating to science	I did my research in the scientific literature.
fine	adj.	very thin	The baby's hair is covered with fine, silky hair.
spread out	phr.	to move out or be placed over a large area	The cards were spread out across the table.

Word Test Answer Key

Class _____ **Name** _____

Unit 9. Speed Racers

Word	PoS	English Definition	Sample Sentence
distance	n.	the amount of space between two places or things	What is the distance between the Earth and the sun?
race	n.	a competition to see which one is fastest	Do you know who won the race?
far	adv.	at or to a great distance in space or time	She lives far from here. She always takes train to get to here.
starting line	n.	a line that marks the beginning of a race	The players were all waiting on the starting line.
tape measure	n.	a strip of plastic or metal used for measuring that can be rolled up	You can easily measure the furniture's height using a tape measure.
vertical	adj.	standing or pointing straight up	He got a shirt with vertical stripes on his birthday.
set	v.	to arrange or adjust something	I set the timer for twenty minutes.
fan	n.	a device that is used to move the air and make it cooler	People use fans during hot summer as a means of keeping cool.

Word Test Answer Key

Class _____ **Name** _____

Unit 10. A Race to Grandfather's House

Word	PoS	English Definition	Sample Sentence
arrive	v.	to reach a place, especially at the end of a journey	The flight is due to arrive at 12 p.m.
leave	v.	to go away from	Don't leave home without your wallet.
find out	phr.	to learn something by making an effort	I'd like to find out more about the school's drama program.
work out	phr.	to find something, such as a solution, by thinking	We worked out a plan to save money.
velocity	n.	the speed at which an object is traveling	How can we measure the velocity of sound?
kilometer	n.	a unit of measurement equal to 1,000 meters	She walks two kilometers to go to school every morning.
divided by	phr.	to calculate how many times one number contains another number	10 divided by 5 is 2.
win	n.	to achieve victory in a flight, game, etc.	Which year was it that Italy won the World Cup?

Word Test Answer Key

Class _____ **Name** _____

Unit 11. The Changing Volume of Gases

Word	PoS	English Definition	Sample Sentence
table tennis	n.	a game played on a large table hitting a ball over a low net using small, round bats	Mom and I sometimes play table tennis together at the backyard.
step on	phr.	to put the foot on something	Be careful not to step on any fragments.
by mistake	phr.	by accident; without intending to	I've paid this bill twice by mistake.
triangular	adj.	shaped like a triangle	The musical is performed on a triangular stage.
flask	n.	a glass bottle used in scientific work	Heat the solution gently in a flask.
return	v.	to come back or go back again	Within a week, the situation had returned to normal.
original	adj.	being the earliest form of something	My original idea as to fix my bag, but I decided to get a new one.
knowledge	n.	information that you get from experience or education	She has some knowledge of cooking.

Word Test Answer Key

Class _____ **Name** _____

Unit 12. Cold Air, Hot Air

Word	PoS	English Definition	Sample Sentence
stew	n.	a hot dish of vegetables and meat, like a thick soup	Dad cooked a chicken stew for dinner.
weird	adj.	very strange and unusual	I heard some weird noises coming from outside.
plastic wrap	n.	thin, clear material used to wrap food to keep it fresh	I put some plastic wrap over the salad to keep it fresh.
curved	adj.	having a rounded shape	The knife has a curved blade.
downward	adv.	toward a lower position	The arrow is pointing downward.
rotten	adj.	having rotted and no longer able to be eaten	The bananas went rotten after a few days.
microwave	v.	to cook or heat food in a microwave oven	The soup is now cold. Microwave it before you eat.
take off	phr.	to remove	Always take off your makeup before going to bed.

Word Test Answer Key

Class _____ **Name** _____

Unit 13. Stems Carry Water

Word	PoS	English Definition	Sample Sentence
root	n.	the part of a plant that grows underground	This tree's roots go down three meters.
stem	n.	the main long part of a plant that usually rises above the soil	There are several leaves on each stem.
lily	n.	a plant that has white or colorful bell-shaped flowers	Mom's favorite flower is lilies, so I bought some for her birthday.
horizontally	adv.	in a way that is parallel to the ground	The branches grow horizontally on this pine tree.
vertically	adv.	at an angle of 90° to a horizontal surface or line	Many plants will continue to grow vertically.
dot	n.	a very small round mark	She is wearing a blue skirt with white dots.
appearance	n.	the way a person or thing looks	The room has a clean appearance.
wind	v.	to wrap something around another object several times	She wound the scarf around her neck.

Word Test Answer Key

Class _____ **Name** _____

Unit 14. Grandmother's Garden

Word	PoS	English Definition	Sample Sentence
weekend	n.	Saturday and Sunday	This weekend, I'm going to see some friends.
dig up	phr.	to uncover or find something by digging	They dug up buried treasure.
sweet potato	n.	a root vegetable that looks like a potato and has a sweet taste	What would you like, french fries or sweet potato chips?
upright	adj.	straight up or vertical	Put your seat back in the upright position.
crawl	v.	to move with the body stretched out along a surface	The baby crawled across the floor toward her mother.
stolon	n.	a stem that grows along the surface of the ground	A crawling stem is called a stolon.
morning glory	n.	a climbing plant with flowers shaped like a trumpet	Morning glories usually grow up toward the sun.
pie	n.	food that consists of a pastry crust that is filled with fruit, meat, etc.	Would you like some more pecan pie?

Word Test Answer Key

Class _____ **Name** _____

Unit 15. What's the Weather Like Today?

Word	PoS	English Definition	Sample Sentence
meteorologist	n.	someone who studies the atmosphere and weather	A big storm is predicted by a group of meteorologists.
weather balloon	n.	a balloon that is sent into the air to find out information about weather conditions	Weather balloons are launched to collect information on temperature, humidity, and winds.
record	v.	to keep information by storing it on a computer	She records everything that happens to her in her computer.
atmospheric pressure	n.	the force with which the atmosphere presses down on the surface of Earth	Atmospheric pressure is the pressure within the atmosphere of Earth.
information	n.	facts about a situation, person, etc.	Modern computers can hold huge amounts of information.
analyze	v.	to study something closely and carefully	The bacteria were analyzed under a powerful microscope.
report	n.	a description of an event or situation	He gave a detailed report about the project.
weather forecaster	n.	someone who says what the weather is likely to be	Weather forecasters make reports predicting what the weather will be like.

Word Test Answer Key

Class _____ **Name** _____

Unit 16. Hydro Helpers

Word	PoS	English Definition	Sample Sentence
fresh water	n.	water that is not salty	Duckweed only grows in fresh water.
rest	n.	the other things that have not been mentioned	We finished the rest of the cake
salty	adj.	tasting of salt or containing salt	I think the soup tasted salty.
keep	v.	to stay in a particular condition	The program teaches kids how to keep safe near water.
hydrologist	n.	a person who studies where water is and how it is used	Hydrologists predict that the level of the lake will continue to drop.
contaminated	adj.	dirty or polluted, not clean or pure	The water was contaminated with chemicals.
groundwater	n.	water that is underground	There were concerns about contaminated groundwater.
life	n.	the existence of a living thing	The new drug might help save the lives of cancer victims.