Unit Test

Compass Publishing

Class _____ **Name**

Unit 1 – Air Pressure Creates Wind

A. Fill in the blank with the correct word.

blow up	thick	particles	remove	tiny

1. I ordered a cheese pizza with a _____ crust.
2. It is not working. Dust _____ must have got into the motor.
3. I'm from a _____ town that you've never heard of.
4. Can you help me _____ balloons for Mika's birthday party?
5. Can you _____ the trash from the backyard?

B. Match the sentences. Rewrite the sentences in order.

1. Put the end of the balloon	•	• and which will get smaller?
2. The air inside the small balloon	•	• in nature as well.
3. Which balloon will get bigger	•	• onto a thick tube.
4. These particles	•	• is in a smaller space.
5. Air moves like this	•	• don't stay still.

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Questions continue next page

C. Read the following passage and choose the correct answers.

Which balloon will get bigger and which will get smaller?

(A) It's because air moves from areas of higher pressure to areas of lower pressure.
The air inside the ①_____ balloon is in a smaller space. So the air molecules are closer together, causing high pressure.

(B) Why did the big balloon get bigger and expand all the way while the small one got smaller?

(C) The air molecules in the larger balloon are ②_____, causing lower pressure. The air moves from the small balloon to the big balloon. Air moves like this in nature as well. We call it "wind."

1. What's the correct order of the passage?
   a. (A)-(B)-(C)
   b. (A)-(C)-(B)
   c. (B)-(A)-(C)

2. Choose the option that best fits the blanks.

	①	②
a.	small	spread out
b.	bigger	far away
c.	smaller	together

3. What does It mean in the passage?
   a. Small balloon getting bigger
   b. Nothing happening to both balloons
   c. Big balloon getting bigger and small balloon getting smaller

4. Which is NOT true according to the passage?
   a. The air moves from the small balloon to the big one.
   b. This happens because of the air pressure difference.
   c. The air molecules in the larger balloon are closer together.

5. What is air moving from the high to low pressure in the nature called?
   a. Wind
   b. Balloon
   c. Air molecule

Class _____ **Name**

Unit 2 – The weather Forecast

A. Fill in the blank with the correct word.

continued	expected	southern	regions	canceled

1. A nice breeze is _____ this afternoon.
2. In her last novel, the action moves between Greece and _____ Spain.
3. We _____ our dinner reservation because of the bad weather.
4. The good weather _____ for several days.
5. The plant grows in tropical _____.

B. Match the sentences. Rewrite the sentences in order.

1. Low pressure brings	•	• in the southern region.
2. It's lucky we know the weather	•	• fly home today.
3. This way, we can watch out	•	• rain and clouds.
4. He planned to	•	• for low pressure.
5. Heavy rain and wind are expected	•	• in advance!

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Questions continue next page

C. Read the following passage and choose the correct answers.

Lulu and her mom are watching TV together.

(A) "Then I should take my umbrella today," says Lulu. "Good idea!" says Mom.

(B) "It's bad for the weather. High pressure brings ①_____ and clear skies. Low pressure brings rain and clouds. There could be wind or even snow if it's cold."

(C) The weather forecast is on. "②_____, as there will be a lot of low pressure today."
"Is low pressure bad, mom?" asks Lulu.

1. What's the correct order of the passage?
   a. (C)-(B)-(A)
   b. (A)-(C)-(B)
   c. (B)-(A)-(C)

2. Choose the option that best fits the blanks.

	①	②
a.	rain	Be careful
b.	pressure	It's lucky
c.	sunshine	Be careful

3. What does It mean in the passage?
   a. Low pressure
   b. High pressure
   c. Sunshine and rain

4. Which is NOT true according to the passage?
   a. Lulu will bring her umbrella.
   b. High pressure brings rain and clouds.
   c. The TV is showing the weather forecast.

5. Why does the weather forecaster say to be careful?
   a. Because Lulu didn't bring her umbrella.
   b. Because there would be a low pressure today.
   c. Because people are not watching the weather forecast.

Unit Test

Compass Publishing

Class _____ **Name**

Unit 3 – How Does Heat Move Liquids?

A. Fill in the blank with the correct word.

kettle	heated	finally	support	process

1. I _____ the vegetable stew in the microwave for dinner.
2. He slowly stood up, cleared his throat, and _____ began to speak.
3. Put the _____ on the stove if you want a cup of hot chocolate.
4. We're remodeling our house. The whole _____ is expected to take a few months.
5. Thick cables help _____ the bridge.

B. Match the sentences. Rewrite the sentences in order.

1. Have you ever boiled water	•	• until all the water is hot.
2. Make sure you put	•	• with hot water.
3. This keeps happening	•	• the food coloring in slowly.
4. Fill the small paper cup	•	• on top of the four cups.
5. Put the water tub	•	• using a kettle?

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Questions continue next page

C. Read the following passage and choose the correct answers.

What happened? The hot water under the tub heated the food coloring.

(A) We call this process a "convection current."

(B) After a while, the heated food coloring started moving. It ①_____ from the bottom to the top of the tub. The heated blue water went up. The cold water went down.

(C) In a kettle, the hot water at the ②_____ moves up. The cold water moves down. Then that water gets hot, and it moves up again.
This keeps happening until all the water is hot. The kettle boils!

1. What's the correct order of the passage?
   a. (A)-(B)-(C)
   b. (A)-(C)-(B)
   c. (B)-(A)-(C)

2. Choose the option that best fits the blanks.

	①	②
a.	kept	bottom
b.	flowed	bottom
c.	kept	top

3. What does It mean in the passage?
   a. The kettle
   b. The water tub
   c. Heated food coloring

4. Which is NOT true according to the passage?
   a. Cold water goes up and hot water goes down.
   b. Same thing happens in the water tub and in the kettle.
   c. Water flowing until all the water is hot is called a convection current.

5. How did the food coloring go up?
   a. Because the tub was empty.
   b. Because we put hot water under the tub.
   c. Because the convection current moves the hot water down.

Class _____ **Name**

Unit 4 – Water Moves around the World

A. Fill in the blank with the correct word.

equator	circulation	seawater	per	thousand

1. The musical tickets are $50 _____ person.
2. The city of Quito, Ecuador, lies very close to the _____.
3. Drinking _____ will make you even thirstier.
4. They had driven over a(n) _____ miles and they were exhausted.
5. Let's open the windows to get some _____ in here.

B. Match the sentences. Rewrite the sentences in order.

1. Tim went to the sea	•	• near the equator is warm.
2. But the water	•	• with his dad.
3. Cold water is heavier	•	• 1 cm per hour.
4. It flows about	•	• in the water.
5. He put his foot	•	• than warm water.

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Questions continue next page

C. Read the following passage and choose the correct answers.

It was a very cold winter day. Tim went to the sea with his dad. He put his foot in the water.

(A) Dad answered, “That’s right. The water ①_____ the North Pole is cold. But the water near the equator is warm. This causes something amazing to happen.” ″What is that?” Tim asked.

(B) ″Dad, the water is very cold! The water at the North Pole is much colder, right?”

(C) ″It’s the circulation of the seawater. Cold water is heavier than warm water. When the ②_____ near the poles gets colder, <u>it</u> sinks down. ″The cold water flows to warm areas near the equator. The warm water moves to where the cold water was. It’s a huge convection current.”

1. What’s the correct order of the passage?
   a. (A)-(B)-(C)
   b. (B)-(A)-(C)
   c. (B)-(C)-(B)

2. Choose the option that best fits the blanks.

	①	②
a.	near	seawater
b.	far	equator
c.	around	equator

3. What does <u>it</u> mean in the passage?
   a. Equator
   b. Seawater
   c. Convection current

4. Which is <u>NOT</u> true according to the passage?
   a. The water at the North Pole is much warmer.
   b. A huge convection current happens in the sea.
   c. Tim went to the sea with his dad on a cold day.

5. Why does the seawater circulate?
   a. Because the sea is much colder in the winter.
   b. Because when the seawater gets warmer, it sinks down.
   c. Because the seawater near the equator is warm, and the seawater near the Pole is cold.

Unit Test

Class _____ **Name**

Unit 5 – Growing Mushrooms

A. Fill in the blank with the correct word.

mold	nutrients	alive	instruction	includes

1. Fruits and vegetables have important _____.
2. Liam must be 90 if he's still _____.
3. You should read each _____ carefully to make a desk.
4. There was _____ on the cheese. Can I eat that?
5. The price of dinner _____ coffee and a piece of cake.

B. Match the sentences. Rewrite the sentences in order.

1. Animals and plants are	•	• in warm and humid environments.
2. They grow well	•	• from sunlight like plants.
3. They don't get their food	•	• two different types of living things.
4. They don't need	•	• sunlight to grow.
5. They get carried away	•	• by the wind.

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Questions continue next page

C. Read the following passage and choose the correct answers.

Animals and plants are two different types of living things.

(A) They get nutrients from other living things, dead or ①_____. Let's watch a mushroom grow and see for ourselves!

(B) We can often see mold and mushrooms growing in the summertime. They don't get their food from sunlight like plants. They can grow in the dark.

(C) There's another type of living thing. It's called a fungus. Mold and mushrooms are types of fungi. They grow well in warm and humid ②_____.

1. What's the correct order of the passage?
   a. (B)-(A)-(C)
   b. (A)-(C)-(B)
   c. (C)-(B)-(A)

2. Choose the option that best fits the blanks.

	①	②
a.	different	sunlight
b.	living	summertime
c.	alive	environments

3. What does They mean in the passage?
   a. plants
   b. nutrients
   c. Mold and mushrooms

4. Which is NOT true according to the passage?
   a. Plants get food from sunlight.
   b. Mushrooms get nutrients from only living things.
   c. Mushrooms grow well in the dark, humid environments.

5. What is the difference between a fungus and a plant?
   a. A plant is a living thing.
   b. A plant needs sunlight to grow.
   c. A fungus gets nutrients from things around it.

Unit Test

Class _____ **Name**

Unit 6 – I Am Not a Plant!

A. Fill in the blank with the correct word.

mushroom	wide	stalks	dead	landing

1. The river was deep and _____.
2. We watched the planes _____ on the runway.
3. She's been _____ for over 10 years now.
4. Jim trimmed the _____ of the sunflowers before putting them in a vase.
5. I can recommend the chicken in _____ sauce - it's delicious.

B. Match the sentences. Rewrite the sentences in order.

1. Mold is a member	•	• and land on the earth.
2. Fungi like me grow well	•	• in the gills under my cap.
3. Plants make their own	•	• food through photosynthesis.
4. Spores are powders	•	• in a warm and humid environment.
5. They float away	•	• of my family!

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Questions continue next page

C. Read the following passage and choose the correct answers.

It's very nice to meet you. I'm a mushroom.

(A) Then what am I? I'm a fungus. Mold is a member of my family! Fungi like me grow well in a warm and humid environment.

(B) I have a wide cap and a stalk. I don't move, and I grow ①_____, so people think I am a plant. But I'm not a plant! I'm not an animal either.

(C) You can see a lot of us in the ②_____. Plants make their own food through photosynthesis. I can't do this, so I get nutrients from dead and living things around me.

1. What's the correct order of the passage?
   a. (A)-(B)-(C)
   b. (B)-(C)-(A)
   c. (B)-(A)-(C)

2. Choose the option that best fits the blanks.

	①	②
a.	upward	summer
b.	downward	winter
c.	around	fall

3. What does I mean in the passage?
   a. Mold
   b. Mushroom
   c. Photosynthesis

4. Which is NOT true according to the passage?
   a. Mold is a type of a fungus.
   b. Mushrooms have a cap and a stalk.
   c. Fungi make their food through photosynthesis and things around them.

5. What is NOT true about the mushroom?
   a. It is a family of mold.
   b. People usually thing it is a plant.
   c. It is not a plant or an animal, but it is a living thing.

Unit Test

Class _____ **Name**

Unit 7 – Water Drops

A. Fill in the blank with the correct word.

state	spilled	count	eventually	penny

1. Happiness is the _____ or condition of being happy.
2. When you're trying to save money, every _____ helps.
3. Clean up the orange juice you _____ on the floor.
4. I am sure that we'll succeed _____.
5. _____ how many fingers I am holding up.

B. Match the sentences. Rewrite the sentences in order.

1. We know water can move	•	• to know about water.
2. There's also something else	•	• a few water drops together.
3. Why didn't it spill over	•	• water molecules together tightly.
4. Surface tension keeps the	•	• between these states.
5. Surface tension held	•	• straight away?

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Questions continue next page

C. Read the following passage and choose the correct answers.

How did the water stay on the penny? Why didn't it spill over straight away?

(A) Where else can we see surface tension in action?

(B) Surface tension held a few water drops ①_____. When we added more and more drops of water, eventually we broke the surface tension. The water spilled.

(C) It's because of surface tension. Surface tension keeps the water ②_____ together tightly. On the surface of the water, they hold together even tighter. They're like a skin on the water. This is surface tension.

1. What's the correct order of the passage?
   a. (C)-(A)-(B)
   b. (C)-(B)-(A)
   c. (B)-(A)-(C)

2. Choose the option that best fits the blanks.

	①	②
a.	together	molecules
b.	separately	tension
c.	together	tension

3. What does they mean in the passage?
   a. Pennies
   b. Surface tensions
   c. Water molecules

4. Which is NOT true according to the passage?
   a. The penny can hold all the water you pour.
   b. Water didn't break because of surface tension.
   c. Water molecules hold together tighter on the surface.

5. What happens when you pour more and more water on the penny?
   a. Water molecules hold tightly.
   b. All the water stays on the penny.
   c. The surface tension breaks and the water spills.

Unit Test

Class _____ **Name**

Unit 8 – A Water Strider

A. Fill in the blank with the correct word.

reservoir	looks like	thin	pairs	fine

1. That powdered sugar _____ snow.
2. There was a _____ layer of oil on the surface of the water.
3. Her head was covered with _____, silky hair.
4. He blushed when he saw all three _____ of eyes watching him.
5. A _____ is a lake that is used for storing water before it is supplied to people.

B. Match the sentences. Rewrite the sentences in order.

1. You can find me at	•	• pairs of legs.
2. I have three	•	• make me look like a drone.
3. Some people say my four long legs	•	• on the water.
4. There are thousands of fine hairs	•	• covering my whole body.
5. That's how I float	•	• ponds and reservoirs.

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Questions continue next page

C. Read the following passage and choose the correct answers.

I'm a water strider.

(A) Drones float in the air, and I float on the water! I can ①_____ on water, too. Is it because I'm light? I am light, but there is a more scientific reason. It's because I use surface tension.

(B) Some people say my four long legs make me look like a drone.

(C) You can find me at ponds and reservoirs. My body looks like a thin ②_____. I have three pairs of legs. My front two legs are short. My back four legs are very long.

1. What's the correct order of the passage?
   a. (C)-(B)-(A)
   b. (A)-(C)-(B)
   c. (C)-(A)-(B)

2. Choose the option that best fits the blanks.

	①	②
a.	fly	surface
b.	walk	stick
c.	look	drone

3. What does it mean in the passage?
   a. Drones float in the air
   b. A water strider walks on water
   c. A water strider's front legs are short

4. Which is NOT true according to the passage?
   a. Some people say water striders look like drones.
   b. Water striders have three pairs of legs, short and long.
   c. Water striders float on the water only because they are light.

5. What do water striders do?
   a. They float in the air.
   b. They use long front legs to float.
   c. They use surface tension to float on the water.

Class _____ **Name**

Unit 9 – Speed Racers

A. Fill in the blank with the correct word.

distance	race	far	vertical	fans

1. The dog wandered _____ from home.
2. Do you know who won the 200-meter _____?
3. Yesterday, I bought a shirt with _____ stripes.
4. The gas station is a short _____ away.
5. The engine is cooled by an electric _____.

B. Match the sentences. Rewrite the sentences in order.

1. We can compare their speed over	•	• same amount of time.
2. The person who finishes first	•	• on the floor.
3. It travels the farthest in the	•	• the same distance.
4. Let's compare the speed of objects	•	• is the fastest.
5. Draw a starting line	•	• over the same amount of time.

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Questions continue next page

C. Read the following passage and choose the correct answers.

How can we compare the speed of objects?

(A) There are two ways to do it. We can compare their speed over the ①_____ distance.

(B) For example, five people run a 100-meter race. The person who finishes first is the fastest. We can also compare how far objects can travel at different speeds over the same amount of time. A bicycle travels 60 km in 3 hours. A car travels 240 km, and a train travels 300 km in the same time.

(C) Which is the fastest? It's the train. It travels the farthest in the same ②_____ of time. Let's compare the speed of objects over the same amount of time.

1. What's the correct order of the passage?
   a. (A)-(B)-(C)
   b. (A)-(C)-(B)
   c. (B)-(A)-(C)

2. Choose the option that best fits the blanks.

	①	②
a.	different	speed
b.	same	amount
c.	fast	travel

3. What does it mean in the passage?
   a. The speed of a car
   b. The same distance
   c. Comparing the speed of objects

4. Which is NOT true according to the passage?
   a. Person who finishes the race first is the fastest.
   b. There are two ways to compare the speed of objects.
   c. We can compare objects' speed over the different distance.

5. How far does the train travel in an hour according to the passage?
   a. 100 km
   b. 240 km
   c. 300 km

Class _____ **Name**

Unit 10 – A Race to Grandfather's House

A. Fill in the blank with the correct word.

arrive	left	velocity	kilometers	won

1. I _____ the party at seven o'clock.
2. Light travels at the highest _____ in the universe.
3. Tommy walks 2 _____ to work every morning.
4. The boxer _____ the match by knockout.
5. When do you expect them to _____ in Boston?

B. Match the sentences. Rewrite the sentences in order.

1. Sally and her uncle both arrive	•	• than your car, right?
2. We need to work	•	• to make 70 km/h.
3. Your home is 240 kilometers away	•	• from Grandfather's.
4. Divide 140 by 2	•	• out the velocity.
5. So our car was 10 km/h faster	•	• at Grandfather's home at 10 a.m.

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Questions continue next page

C. Read the following passage and choose the correct answers.

It's Sally's grandfather's birthday.

(A) "We need to work out the velocity," says Uncle Pete.

(B) "We left home at 8 a.m., so it took us 2 hours to get here," Uncle answers. "When did you leave?" "We left at 7 a.m., so it took us 3 hours. Hmm... Whose car was faster? How can we ①_____ it out?"

(C) Sally and her uncle ②_____ arrive at Grandfather's home at 10 a.m. "Hi, Uncle Pete!" says Sally. "When did you leave home?"

1. What's the correct order of the passage?
   a. (A)-(B)-(C)
   b. (B)-(A)-(C)
   c. (C)-(B)-(A)

2. Choose the option that best fits the blanks.

	①	②
a.	find	both
b.	find	can
c.	work	get

3. What does it mean in the passage?
   a. Whose car was faster
   b. The amount of time they took
   c. When is Sally's grandfather's birthday

4. Which is NOT true according to the passage?
   a. Sally left earlier than her uncle.
   b. They gathered because it is Sally's uncle's birthday.
   c. Sally's uncle took shorter time to get to Grandfather's house than Sally.

5. In which way they compare the speed?
   a. They compare the speed over the same distance.
   b. They compare the speed over the same amount of time.
   c. They compare the speed by the time when they left their homes.

Unit Test

Class _____ **Name**

Unit 11 – The Changing Volume of Gases

A. Fill in the blank with the correct word.

table tennis	stepped on	triangular	return	knowledge

1. Watch out! You almost _____ the wet floor.
2. The play is performed on a _____ stage.
3. She has little _____ of history.
4. If it's raining in the afternoon, there will be a _____ tournament.
5. We waited for you to _____.

B. Match the sentences. Rewrite the sentences in order.

1. The volume of gases gets bigger	•	• the balloon smaller.
2. The cold gases made	•	• and you step on it by mistake.
3. The crushed ball will return	•	• filled with hot water.
4. The ball rolls off the table	•	• to its original shape!
5. Put the flask in a beaker	•	• when they get hotter.

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Questions continue next page

C. Read the following passage and choose the correct answers.

The volume of gases gets bigger when they get hotter.

(A) The ①_____ ball will return to its original shape! With your knowledge of the volume of gases, you can play table tennis!

(B) The hot gases made the balloon bigger. The volume of gases gets ②_____ when the gases get colder. The cold gases made the balloon smaller.

(C) So, how can we fix the crushed ball? Can you work it out? That's right. Put the ball in hot water. The volume of the gases in the ball will get bigger.

1. What's the correct order of the passage?
   a. (A)-(B)-(C)
   b. (B)-(C)-(A)
   c. (B)-(A)-(C)

2. Choose the option that best fits the blanks.

	①	②
a.	crushed	smaller
b.	crushed	bigger
c.	small	hotter

3. What does they mean in the passage?
   a. Gases
   b. Balloons
   c. Volumes

4. Which is NOT true according to the passage?
   a. The balloon gets smaller when they get colder.
   b. The volume of gases changes based on the temperature.
   c. You need to get a new table tennis ball when it is crushed.

5. How does the balloon get smaller?
   a. It gets smaller when you put it in hot water.
   b. It gets smaller when you put it in cold water.
   c. It gets smaller when you fix the crushed ball.

Unit Test

Class _____ **Name**

Unit 12 – Cool Air, Hot Air

A. Fill in the blank with the correct word.

stew	weird	curved	downward	rotten

1. My older brother wears _____ shoes sometimes.
2. I cooked a carrot _____ for dinner.
3. The bananas went _____, so throw them away.
4. The mountain streams flow _____ to the ocean.
5. The animal's horns are slightly _____.

B. Match the sentences. Rewrite the sentences in order.

1. The air between the plastic wrap	•	• get bigger?
2. Will the volume of air	•	• you microwave the stew?
3. The plastic wrap	•	• in the fridge.
4. What happens when	•	• will curve upward!
5. It’s just because the stew was	•	• and the stew got cold, too.

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Questions continue next page

C. Read the following passage and choose the correct answers.

"Brian, look at this stew!" says Erica.

(A) "Look at the plastic wrap on top. It's curved downward. Does that mean it's rotten?" Erica says. "Don't worry, Erica!" laughs Brian.

(B) "It's just ①_____ the stew was in the fridge. It got cold. The air between the plastic wrap and the stew got cold, too. The volume of the air got smaller, so the plastic wrap curved downward."

(C) "It looks weird! Mom said to eat <u>it</u> for dinner, but I'm not sure whether it's okay to eat." "What's ②_____?" says her brother.

1. What's the correct order of the passage?
   a. (C)-(A)-(B)
   b. (A)-(C)-(B)
   c. (B)-(A)-(C)

2. Choose the option that best fits the blanks.

	①	②
a.	why	wrong
b.	that	hot
c.	because	wrong

3. What does <u>it</u> mean in the passage?
   a. Stew
   b. Fridge
   c. Plastic wrap

4. Which is <u>NOT</u> true according to the passage?
   a. The stew is rotten.
   b. Mom said Erica and Brian to eat stew for dinner.
   c. The plastic wrap is curved downward because it was cold in the fridge.

5. What will happen when they heat the stew with the plastic wrap?
   a. The stew will go bad.
   b. The plastic wrap will be curved upward.
   c. The air between the plastic wrap and the stew will get colder.

Unit Test

Class _____ **Name**

Unit 13 – Stems Carry Water

A. Fill in the blank with the correct word.

roots	stem	lilies	horizontally	dots

1. Pull weeds up by the _____ so that they don't grow back.
2. Florists sell more _____ than any other flower.
3. The branches grow _____ on this pine tree.
4. The _____ on the map represent cities.
5. He cut the plant off at the base of the _____.

B. Match the sentences. Rewrite the sentences in order.

1. Prepare some red food coloring	•	• under the ground.
2. Roots spread out	•	• the roots to the flower.
3. You can see red dots	•	• around other objects.
4. These tubes carry water from	•	• and the stem of a lily.
5. Some wind	•	• when you cut it horizontally.

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Questions continue next page

C. Read the following passage and choose the correct answers.

You can see red dots when you cut it horizontally.

(A) You can see red lines when you cut it vertically. The red parts show us how the water moved up the stem.

(B) All of them bring water from the roots to the flowers. Aren't they ①_____?

(C) There are many thin tubes inside a plant's stem. These tubes carry water from the roots to the flower. The ②_____ of stems varies. Some are thick and straight. Some are long and thin. Some wind around other objects.

1. What's the correct order of the passage?
   a. (A)-(B)-(C)
   b. (A)-(C)-(B)
   c. (B)-(A)-(C)

2. Choose the option that best fits the blanks.

	①	②
a.	vertical	length
b.	clever	appearance
c.	horizontal	appearnace

3. What does it mean in the passage?
   a. Stem
   b. Root
   c. Flower

4. Which is NOT true according to the passage?
   a. All the stems look the same.
   b. There are many tubes inside a stem.
   c. Stems carry water from the roots to the flowers.

5. What is NOT a type of a stem?
   a. A stem that is thick
   b. A stem that has red dots on the surface
   c. A stem that winds around other objects

Unit Test

Class _____ **Name**

Unit 14 – Grandmother's Garden

A. Fill in the blank with the correct word.

weekend	crawled	morning glory	pies	upright

1. Put your seat back in the _____ position.
2. Like most plants, _____ usually grow up towards the sun.
3. The bakery sells _____ and cakes.
4. The snake _____ into its hole.
5. What are you doing this _____?

B. Match the sentences. Rewrite the sentences in order.

1. Brian visits his grandmother	•	• have stems like this.
2. Brian keeps	•	• in her garden.
3. They all carry	•	• water and nutrients.
4. He loves helping her	•	• digging sweet potatoes.
5. Sweet potatoes and strawberries	•	• for the weekend.

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Questions continue next page

C. Read the following passage and choose the correct answers.

Brian visits his grandmother for the weekend. He loves helping her in her garden.

(A)Today, Brian is digging up some sweet potatoes. He stops digging when he sees something ①_____. "Grandma, those tomato plants have upright stems. But these sweet potato stems crawl along the ground."

(B) "Plants are so interesting. What other plants have different stems?" asks Brian. "Well, morning glory stems ②_____ around other objects."

(C) "That's right," says Grandmother. "A crawling stem, like <u>that</u> of these sweet potatoes, is called a stolon. Sweet potatoes and strawberries have stems like this."

1. What's the correct order of the passage?
   a. (A)-(B)-(C)
   b. (A)-(C)-(B)
   c. (B)-(A)-(C)

2. Choose the option that best fits the blanks.

	①	②
a.	interesting	wrap
b.	sweet	stop
c.	crawling	grow

3. What does <u>that</u> mean in the passage?
   a. Stem
   b. Tomato
   c. Morning glory

4. Which is <u>NOT</u> true according to the passage?
   a. Brian goes his grandmother's garden to help her.
   b. Brian keeps digging when he sees something interesting.
   c. Sweet potatoes and strawberries have stems called a stolon.

5. Why does Brian think plants are so interesting?
   a. Because they make sweet potatoes.
   b. Because some stems crawl along the ground.
   c. Because they help his grandmother in her garden.

Unit Test

Class _____ **Name**

Unit 15 – What's the Weather Like Today?

A. Fill in the blank with the correct word.

recorded	information	meteorologist	report	analyzed

1. He gave a detailed weather _____ of the week.

2. The data was recorded and _____ by computer.

3. Each team had one or more biologist, geologist, _____, and physicist to carry out scientific programs.

4. The thermometer _____ 40 degrees Celsius below zero.

5. They're working to collect _____ about the early settlers in the region.

B. Match the sentences. Rewrite the sentences in order.

1. All of this information	•	• will be like in the next few days.
2. They know what the weather	•	• if there is wind or rain on the way.
3. They use satellites to see	•	• goes into computers.
4. The computers analyze	•	• on our phone.
5. We can see weather reports	•	• the information to predict the weather.

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Questions continue next page

C. Read the following passage and choose the correct answers.

In the morning, you check the weather forecast before you go out. But who makes the weather forecast? And how do they do it?

(A) They use satellites to see if there is wind or rain on the way. They also know what the weather is ①_____ like in an area or at this time of year.

(B) Meteorologists predict the weather. They know what the weather will be like in the next few days. They do this in many different ways. They ②_____weather balloons high up in the sky to record atmospheric pressure.

(C) All of this information goes into computers. The computers analyze the information to predict the weather. We can see weather reports on our phone.

1. What's the correct order of the passage?
   a. (A)-(B)-(C)
   b. (B)-(C)-(A)
   c. (B)-(A)-(C)

2. Choose the option that best fits the blanks.

	①	②
a.	usually	send
b.	rarely	analyze
c.	sometimes	send

3. What does They mean in the passage?
   a. Meteorologists
   b. Weather forecasts
   c. Atmospheric pressure

4. Which is NOT true according to the passage?
   a. Satellites are used to see if there is wind or rain.
   b. We can see weather reports on our phone made by meteorologists.
   c. Meteorologists go high up in the sky to record atmospheric pressure.

5. What do meteorologists NOT use to know the weather?
   a. Satellites
   b. Weather balloons
   c. Reports on the phone

Unit Test

Class _____ **Name**

Unit 16 – Hydro Helpers

A. Fill in the blank with the correct word.

groundwater	rest	salty	life	keep

1. I think the soup tastes _____.
2. You bring these bags in, and I'll bring the _____.
3. There were concerns about contaminated _____.
4. She's going to _____ the money she found.
5. He believes that God gives _____ to all creatures.

B. Match the sentences. Rewrite the sentences in order.

1. But only 3.5 percent of	•	• that is held underground.
2. Groundwater is water	•	• contaminated water.
3. 71 percent of Earth's surface	•	• drink fresh water.
4. They sort out the problems with	•	• Earth's water is fresh water.
5. Humans can only	•	• is covered with water.

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Questions continue next page

C. Read the following passage and choose the correct answers.

71 percent of Earth's surface is covered with water. It's all around us.

(A) But only 3.5 percent of Earth's water is fresh water. The rest is salty seawater. Humans can only drink ①_____ water. We need it to live.

(B) Hydrologists help with this. "Hydro" means water. These scientists study the water. They help protect it.

(C) Therefore, it's important to ②_____ fresh water. We must keep it clean and safe from pollution. We must make sure everyone on Earth has safe water to drink.

1. What's the correct order of the passage?
   a. (A)-(B)-(C)
   b. (A)-(C)-(B)
   c. (C)-(A)-(B)

2. Choose the option that best fits the blanks.

	①	②
a.	tap	study
b.	salty	discover
c.	fresh	protect

3. What does They mean in the passage?
   a. Human
   b. Hydrologists
   c. Groundwater

4. Which is NOT true according to the passage?
   a. Humans can't drink salty water.
   b. 3.5 percent of Earth's surface is covered with water.
   c. Hydrologists help protect the water that humans can drink.

5. What is the meaning of hydro?
   a. It means Earth.
   b. It means water.
   c. It means scientists.