

Unit 1 Air Pressure Creates Wind

A.

1. thick
2. particles
3. tiny
4. blow up
5. remove

B.

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

C.

1. c
2. a
3. c
4. c
5. a

Unit 2 The Weather Forecast

A.

1. expected
2. southern
3. canceled
4. continued
5. regions

B.

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

C.

1. a
2. c
3. a
4. b
5. c

Unit 3 How Does Heat Move Liquids?**A.**

1. heated
2. finally
3. kettle
4. process
5. support

B.

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

C.

1. c
2. b
3. c
4. a
5. b

Unit 4 Water Moves Around the World**A.**

1. per
2. equator
3. seawater
4. thousand
5. circulation

B.

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

C.

1. b
2. a
3. b
4. a
5. c

Unit 5 Growing Mushrooms**A.**

1. nutrients
2. alive
3. instruction
4. mold
5. includes

B.

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

C.

1. c
2. c
3. c
4. b
5. b

Unit 6 I Am Not a Plant!**A.**

1. wide
2. landing
3. dead
4. stalks
5. mushroom

B.

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

C.

1. c
2. a
3. a
4. c
5. a

Unit 7 Water Drops**A.**

1. state
2. penny
3. spilled
4. eventually
5. Count

B.

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

C.

1. b
2. a
3. c
4. a
5. c

Unit 8 A Water Strider**A.**

1. looks like
2. thin
3. fine
4. pairs
5. reservoir

B.

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

C.

1. a
2. b
3. b
4. c
5. c

Unit 9 Speed Racers**A.**

1. far
2. race
3. vertical
4. distance
5. fan

B.

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

C.

1. a
2. b
3. c
4. c
5. a

Unit 10 A Race to Grandfather's House**A.**

1. left
2. velocity
3. kilometers
4. won
5. arrive

B.

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

C.

1. c
2. a
3. a
4. b
5. a

Unit 11 The Changing Volume of Gases**A.**

1. stepped on
2. triangular
3. knowledge
4. table tennis
5. return

B.

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

C.

1. b
2. a
3. a
4. c
5. b

Unit 12 Cool Air, Hot Air**A.**

1. weird
2. stew
3. rotten
4. downward
5. curved

B.

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

C.

1. a
2. c
3. a
4. a
5. b

Unit 13 Stems Carry Water**A.**

1. roots
2. lilies
3. horizontally
4. dots
5. stem

B.

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

C.

1. b
2. b
3. a
4. a
5. c

Unit 14 Grandmother's Garden**A.**

1. upright
2. morning glory
3. pies
4. crawled
5. weekend

B.

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

C.

1. b
2. a
3. a
4. b
5. b

Unit 15 What's the Weather Like Today?**A.**

1. report
2. analyzed
3. meteorologist
4. recorded
5. information

B.

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

C.

1. c
2. a
3. a
4. c
5. c

Unit 16 Hydro Helpers**A.**

1. salty
2. rest
3. groundwater
4. keep
5. life

B.

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

C.

1. b
2. c
3. b
4. b
5. a