

Class

Name

Unit 1 Light Travels

Unscramble the sentences. Then rewrite them correctly.

1. straight / in a / Light travels / line. know this? / do we / How

2. a / Turn / flashlight. / on The light / the flashlight. / from / moves away

3. a straight / It / line. / in / moves

4. a mirror, / to it? / When / what happens / light hits

5. keep / Does it / going? Does / direction? / change / it

6. Let's / out. / find a mirror, / You need / a target. / a flashlight, and

7. the flashlight / on the wall / at it. / target / and shine / step 1. Put the

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8. the mirror / the direction / to change / step 2. Use / of the light.

9. go toward / Make / the target./ the light

10. hits / When light / direction. / a mirror, / it changes called / This is / reflection.

11. change / by moving / the mirror. / of the light / We can / the direction

12. you. / around / Look

13. her rearview mirror / A bus driver / uses / the bus. / getting off / to see / who is

14. to turn / She / head. / her / doesn't need

15. every / see reflections / Where else / can you / day?

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Unit 2 Bus Driver

Unscramble the sentences. Then rewrite them correctly.

1. got on / Jenny / Tom and / the bus.

2. and the bus / people. / was / It was 7 p.m. / full of

3. bus is / Tom said, / "Wow, this / crowded!" "Yes, it is," / Jenny. / said

4. while, Tom said, / After a / get off? / think we can / "Jenny, do you

5. can / I don't / see us! / think / the bus driver too many / There're / people!"

6. Jenny said, / "Don't / Then / worry.

7. driver / The bus / everything. / can see

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8. at the front / There's / of the bus. / mirror / a rearview

9. the doors." / and open / can look / The driver / in it

10. I was / "I don't know / why / Tom said, / worried. is / Look! This / our stop."

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Unit 3 The Water Cycle

Unscramble the sentences. Then rewrite them correctly.

1. changing. / Water is / always always / is / moving. / It

2. of water / But the total / never changes. / on Earth / amount

3. into / from a cloud / Rain falls / a river. into / It evaporates / the air.

4. into / condenses / It / a cloud. a cloud / from / again. / Rain falls

5. the water / is / cycle. / This watch / and see. / Let's

6. clear plastic cup / in a zipper bag. / step 1. Put a / ice / filled with

7. and weigh / Seal / it. / the bag a sunny / next to / Put the bag / window.

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8. water drops / in the cup / melts, and / into the zipper bag. / step 2. Day 1:
The ice / from the cup

9. water inside the cup / of water outside / step 3. Days 2 and 3: The amount
of / decreases, and the amount / the cup increases.

10. the bag / step 4. Weigh / again. What / notice? / do you

11. left / The water / the cup. But it / the bag. / didn't leave change. /
didn't / The weight

12. Why? amount of water / Because the total / did not / in the bag /
change.

13. doesn't / The total / change, either. / amount of / water on Earth

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14. can / rain. / Water / be ice or / can be / It / a cloud.

15. the same / it's always / water. / But

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Unit 4 Disappeared Water

Unscramble the sentences. Then rewrite them correctly.

1. a glass / Kate left / by the window. / of water

2. and forgot / She went / all about / on vacation / it.

3. came home / again. / she / the glass / One week later, / and looked at

4. the water / was / Half / gone!

5. but my water / was home, / is gone! / "Mom! No one drank / it?" / Who

6. "Nobody / Kate. / it, / drank water / evaporated. / The

7. water vapor / It became / air. / in the the clouds / Do you / see / in the sky?

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8. and becomes / high in the sky / a cloud. / Water vapor / goes up

9. turns into / again." / Then it / water

10. falls from / as rain!" / Kate said, / the sky / "Then it

11. right! / "That's The water / a cloud." / and became / evaporated /
from your cup

12. the water / "Wow, so / rain?" / will be / in my cup

13. that's / "Yes, / right."

14. is / cool!" / so / "Water

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Unit 5 A Raft of Straws

Unscramble the sentences. Then rewrite them correctly.

1. in water, / A straw / but a coin / floats / sinks. float in water? / How can
/ a coin / we make

2. put it / We can / straw / on a / raft. this raft? / How / make / can we

3. design / Let's / it. / try to the strongest / who makes / We can see / raft.

4. of your / step 1. Draw / raft on / a blueprint / paper.

5. straws, scissors, / step 2. Make / using five / and a glue gun. / the raft

6. coins, one / step 3. Place / on the raft. / at a time,

7. coins / raft sink. / See / make the / how many

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8. better / a new, / raft. / step 4. Design

9. can hold / weight? / the most / Whose raft

10. Buoyancy / in water. / a force / is

11. pushes / This force / in the water. / things upward

12. float / them / It makes / or sink. an object / Put / water. / in the

13. has / When / high buoyancy, / an object / it floats.

14. has low / it sinks. / buoyancy, / an object / When

15. is / A coin / heavy. so it / low buoyancy, / It has / sinks.

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16. The / light. / is / straw raft so it / high buoyancy, / It has / floats.

17. on the / Put / raft. / lots of coins raft / Now the / is / heavy.

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Unit 6 How Does a Ship Float?

Unscramble the sentences. Then rewrite them correctly.

1. went to / Clara and Brian / the beach. a big ship / water. / They saw / in the

2. "Clara, how / that big ship / Brian said, / can / float?"

3. don't / "I / know. on the / Let's / Internet." / check

4. how / They / boats float. / searched for

5. the force of water / "It says / pushes / it's because / Brian said, / the ship up.
called / buoyancy." / It's

6. that's right," / "Yes, / said Clara. "My smartphone / too. / says this,

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7. lots of air / has / The big ship / in it. is made of / iron. / The ship / heavy

8. the air / But / lighter. / makes it

9. The iron / are lighter / and air / than the water. So / floats!" / the ship

10. said Brian. / I see!" / "Oh,

11. that huge / "That's how / on water." / float / ship can

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Unit 7 Ice Fishing

Unscramble the sentences. Then rewrite them correctly.

1. on the road, / after heavy snow? / Do you / street, or stairs / spraying things / see people

2. melting / They are / the ice.

3. other ingredients / the ice. / People use / to melt / salt and

4. when ice / with salt? / What happens / is mixed find / Let's / out.

5. ice cubes / step 1. Put some / filled with / in a cup / water.

6. across / a string / the ice cubes. / step 2. Place

7. touches / Make sure / the string / every ice cube.

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8. on the ice / some salt / step 3. Sprinkle / and the string.

9. a minute. / for / step 4. Wait

10. what has / Gently / and see / pull the string / happened. / out of the cup

11. were separate / and the string / step 5. The ice / before.

12. the ice / to the string! / Now / is stuck

13. Why / this? / is is / The secret / the salt.

14. usually freezes / Celsius. / Water / degrees / at zero

15. the freezing point / But salt / of the water. / lowers

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16. touching / The ice / becomes water. / the salt

17. around them, / Then the ice cubes / and freeze / the water / it again. /
cool down

18. frozen, / The string / too. / gets sticks to / It / the ice.

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Unit 8 Frozen

Unscramble the sentences. Then rewrite them correctly.

1. winter / a cold / It was / day.

2. to her aunt's / on her way / Anna was / house. was driving. / mom / Her

3. They / a river. / past / drove of the window / Anna / looked out / and
said,

4. at / look / "Mom, / that! is / solid!" / frozen / The river

5. must be / Her mom said, / very cold. / "The weather
the river / Even / froze."

6. on a cold day / Anna said, / freeze / "Does the sea / like today?

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7. a frozen / I haven't / sea / seen / before."

8. on a day / "Not / her mom / like today," / replied.

9. in much / "The sea / colder / freezes / weather."

10. is / Anna asked, / that?" / "Why there is / "Because / in sea water." / salt

11. in school. / about that / "Oh, I learned

12. the freezing / water. / Salt lowers / point of

13. in much / So, does / freeze / colder weather?" / the sea
right, / "That's / Anna!"

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Unit 9 The Power of Pulleys

Unscramble the sentences. Then rewrite them correctly.

1. your sofa / Try to / pick up / at home.

2. It's / heavy. / too lift / can't / it. / You

3. What / lift it? / use to / could you use / could / You / a pulley.

4. uses ropes / things. / A pulley / to lift / and wheels

5. lift / things. / With one, / very heavy / you can

6. design / Can we / our own / and make / pulley?

7. how much / Let's make / it can lift. / weight / one and see

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8. of the cup) / step 1. Poke three / cup. / the open end / holes (near the top of / in a clear

9. Cut / same length. / of the / into three pieces / wool yarn

10. the wool yarn / step 2. Tie / in the cup. / through the holes / the ends of

11. of the wool yarn / loose ends / together. / Tie the

12. pieces of yarn / piece of yarn. / Tie the three / to a long

13. onto an empty roll. / the other end / step 3. Tape / of the long yarn

14. the wool yarn / empty roll. / around the / step 4. Wrap

15. a chopstick / the roll. / step 5. Slide / through

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16. small objects / step 6. Put / turn the chopstick / in the cup and / to lift them.

17. is a simple machine / objects easier. / A pulley / lifting heavy / that makes

18. something up. / to lift / weight to / of force it takes / It distributes / reduce the amount

19. people / can we see / use a pulley? / Where

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Unit 10 Inventions of the Past

Unscramble the sentences. Then rewrite them correctly.

1. went on / Matthew / fortress. / to a Korean / a school trip

2. 200 years / ago. / The fortress / was built made of / It was / heavy rocks.

3. they didn't / "But / electricity. / have

4. They / machines. / big metal / didn't have

5. they / asked Matthew. / How did / build it?"

6. used / "They / the Geojunggi.

7. It's / machine. / a special lifts / easily / It / heavy things."

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8. it / does / "How / work?"

9. pulleys. / uses / "It easy. / make / They / lifting

10. an object / to the rope. / Tie many / The rope / wheels. / goes through

11. the object's / carries / some of / Each wheel / weight.

12. need to use."/ the less / there are, / The more wheels / force you

13. clever / "People / back then!" / were so

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Unit 11 A Volcanic Eruption

Unscramble the sentences. Then rewrite them correctly.

1. inside / rocks deep / There are / Earth. It's / inside Earth. / very hot

2. This / melt. / rocks / makes Molten / is called / magma. / rock

3. There is / a volcano. / inside / magma

4. When volcanoes / comes out. / the molten rock / erupt,

lava. / it / We / call

5. very hot. / Lava / is It's / dangerous. / very

6. It / around it. / things / breaks also / But it / things. / makes

7. and becomes / Lava / cools down / hard.

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8. land. / makes islands / It / and new

9. volcano and / Let's make / erupt. / watch it / a mini

10. 50 g of baking soda / plastic bottle. / step 1. Put / in a

11. drops of red food coloring / kitchen detergent. / and about / step 2. Add three to four / ten drops of

12. to mix / step 3. Close / well. / the bottle / the contents / and shake it

13. the plastic bottle / plate. / on a large / step 4. Place

14. around the bottle / Make / using clay. / a volcano

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15. is formed, / the volcano / of the bottle. / step 5. When / open the lid

16. crater and observe / vinegar in the volcano / what happens. / step 6. Pour

17. model volcano. / Fake lava / of our / came out looked / It / real!

18. all over / There are / the world. / volcanoes

19. there / Is / your country? / one in

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Unit 12 Volcanoes: Good or Bad?

Unscramble the sentences. Then rewrite them correctly.

1. Ka-boom! Liam / the news. / watches

2. in another / A volcano / country. / is erupting is / He / worried.

3. "Dad, are / Liam says, / in danger?" / we

4. here." / safe / "Don't / worry, we're

5. so / volcanoes are / "But / dangerous. and ash." / cause fire / They

6. says, "but / "They are / all bad. / they are not / dangerous," Dad

7. create / islands. / Volcanoes Hawaii / went to / We / last year.

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8. made by / Hawaii / volcanoes." / was

9. cool!" says / "That's / Liam. can / "What else / do?" / volcanoes

10. the surface / "Well, hot / water. / heats up / magma under

11. visit. / that we can / hot springs / It makes

12. vapor, / It makes / water / too.

13. water vapor / We can / into electricity." / turn this

14. are / "Volcanoes / amazing!

15. go to / Can we / this weekend?" / a hot spring

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Unit 13 The Faults in Our Earth

Unscramble the sentences. Then rewrite them correctly.

1. is called / The surface / the crust. / of Earth

2. about twenty / It is like / a puzzle / made up of / puzzle pieces.

3. are / These pieces / moving. / always

4. But they / very slowly. / move move. / feel them / We can't

5. slides past another piece, / these pieces / cracks. / Earth's surface / When one of

6. This is / a fault. / called all over / There are / the world. / faults

7. they are / Let's see / made. / how

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8. with their spines / step 1. Hold / three books together / facing up.
a desk. / Place them / on

9. so that the book / from you. / in the middle / step 2. Slide the books / moves
away

10. the books / step 3. Slide / again.

11. This time, / you. / in the middle / slide toward / make the book

12. the three / in a line. / books / step 4. Put

13. so the book / and relax / falls. / your hands / Lift them up / in the middle

14. is like / of Earth / these books. / The surface

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15. we moved / When / the "crust" / the books, / broke. made / We / a fault.

16. at / Earthquakes / faults./ happen

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Unit 14 Earthquake Safety

Unscramble the sentences. Then rewrite them correctly.

1. what was / "Dad, / that? shook!" / just / The desk

2. Dad / to Dina. / ran over

her hand / kitchen table. / He grabbed / under the / and took her

3. He checked / news reports. / for some / his phone

4. happening?" / "What's / asked Dina.

5. "It's / earthquake. / an It's / dangerous. / very

6. buildings / It can / fall down. / make people, / hurt / It can / too."

7. we do? / "What / should okay?" Dina / be / asked. / Will we

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8. worry. / "Don't get under / start shaking, / like we did. / When things / the table

9. It / worse. / get / might and the gas. / turn off / If it does, / we should / the power

10. leave / should / house. / our / We

11. the / Use / stairs. use / Don't / the / elevator. head. / Cover / your

12. to an open space / or a park." / Go out / like a field

13. worry, / "Don't / Dad! I know / okay."/ be / we'll

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Unit 15 Machines All Around

Unscramble the sentences. Then rewrite them correctly.

1. in our / Machines / everyday lives. / help us

2. simple or / They can be / complicated. / big or small,

3. and a plane / machines. / A clock / are both

4. is a simple / Even / machine! / on your pants / the zipper

5. work with / engineers / Mechanical / machines.

6. and make / work better. / machines / They think of new / old ones

7. our lives / These machines / easier. / make

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8. work in / Mechanical / many industries. / engineers

9. and even / cars, planes, computers, / They make / robots!

10. so many / things! / They do / different

11. new / They design, / machines. / build, and test

12. a light / switch. / Turn on cold milk / of / Take / from the fridge. / a
glass

13. engineer! / to a / Say / mechanical / thank you

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Unit 16 Underwater Explorers

Unscramble the sentences. Then rewrite them correctly.

1. It's important / the past. / to understand

2. can help us / the future. / The past / understand

3. look / Earth. / Archaeologists / all over

4. the ground to / They / our past. / dig in / learn about

5. pots, walls, / They find / and bones. They study / from them. / and learn

6. of Earth's surface / with water. / 70 percent / But over / is covered

7. look for / underwater? / items / Do people

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8. archaeologists / underwater / Yes, / do.

9. They swim / in the water. / deep in rivers / They / and lakes. / swim

10. even swim / They / in the sea! / deep

11. and even houses / ships, bridges, / underwater. / They find

12. about people / can teach us / long ago. / These objects / who lived
