

Class

Name

Unit 1 Bubbling Air

Translate the sentences.

1. Can / air? / we see / Can / touch it? / we

2. it / We cannot / We / see air. / cannot / either. / touch

3. But / is / air / all / us. / around

4. simple / Let's / a / experiment. / do

5. Step 1. / a large / Fill / with / bowl / water.

6. plastic bottle / Step 2. / an empty / Put / in the water / push it / and /
down.

7. Step 3. / syringe / an empty / the water / into / the top. / Put / and push
down

Class**Name**

8. happened / What / in / experiment? / this

9. from / came out / and / the syringe. / Bubbles / the bottle

10. bubbling / They / a / made / sound.

11. Bubbles / Look / air. / around / are made of / you.

12. Where / you / can / air? / find

Class

Name

Unit 2 Tony's Balloon

Translate the sentences.

1. had / Tony / balloon. / a

2. "Mom, / balloon? / in / this / what's / untie it?" / Can I

3. said, / Mom / shouldn't." / "You

4. "You / want / don't / come out." / to / the air

5. Tony / to see / the air. / "Can / wanted / try?" / I

6. The balloon / So he / got / did. / smaller.

7. the / "Mom, / air? / where's

Class**Name**

8. Nothing / but / came out, / got / the balloon / smaller!"

9. untied / "Didn't / when you / blow / you feel / the wind / the balloon?"

10. "That was / it / the air / came out." / when

11. see / "We / air." / can't

12. "We / all / can't / but / touch it, / around us." / it's

Class

Name

Unit 3 Magnets Push and Pull

Translate the sentences.

1. magnet / A / poles. / has / two

2. They / the north / are / south poles. / and

3. Let's / at / them. / look

4. two / Take / magnets.

5. Step 1. / the same / poles / together. / Put

6. opposite / Step 2. / poles / Put / together. / the

7. What / put / the same / happened / poles / when you / together?

8. They / away. / pushed

Class**Name**

9. poles / What / when you / happened / opposite / put / together?

10. They / They / pulled / stayed together. / together.

11. the photo / with ring / You can / below. / build / a tower / magnets. /
Look at

12. Put / poles / the rings / the same / with / one on top / other. / of the

13. magnets / The / away. / push

14. This / make / helps / tall / a / tower.

15. with / What else / do / magnets? / can you

Class

Name

Unit 4 New Pencil Case

Translate the sentences.

1. her / Emma / didn't / pencil case. / zip

2. All / dropped / from it. / was / her pens / Emma / sad.

3. gave her / Dad / pencil / a new / case.

4. need to / She / new / didn't / zip / pencil case. / the

5. She / shook / turned it / She / over. / it.

6. It / open. / didn't

7. it / does / "How / closed?" / Emma asked. / stay

Class**Name**

8. pencil case," / in the / her dad / "There are / answered. / two magnets

9. "When you / the two / close it, / poles / opposite / touch."

10. closes / "The pencil / tightly." / case

11. "Wow! / pencil / This / great!" / case / is

Class

Name

Unit 5 Growing Seeds

Translate the sentences.

1. seeds / What do / to grow? / need

2. take / Let's / look. / a

3. You / water, and / need / two dishes. / kidney beans,

4. Step 1. / on two dishes / Put cotton / and place / on top. / some kidney beans

5. some water / Step 2. / in / Pour / one dish.

6. should be / Everything else / for / (temperature, light, etc.) / both dishes. / the same

7. Step 3. / days / seven / later. / Check / both dishes

Class**Name**

8. in / Only / have / the wet dish / buds. / the kidney beans

9. didn't / The other / grow. / beans

10. All the / and the same / had light / temperature. / kidney beans

11. Only / with water / beans / grew. / the kidney

12. Seeds / water / grow. / so / need / they can

13. need / What do / kidney beans / from soil? / to grow

Class

Name

Unit 6 Growing Tomatoes

Translate the sentences.

1. some / cherry / ate / tomatoes. / Sarah

2. taste / "These / she / said. / great!"

3. cherry tomatoes," / our own / "We can / said Dad. / grow

4. "They / better." / even / taste

5. He / some / cherry tomato / bought / seeds.

6. planted / Sarah / in / soil. / them

7. She / sure / made / sunlight. / they had

Class**Name**

8. She / Nothing / poured / on the soil. / water / happened.

9. have to / "We / said Dad. / wait,"

10. waited / She / one week. / grew! / Leaves

11. She / some / them / watered / more.

12. She / longer. / waited / even

13. Cherry / She / grew! / tomatoes / them. / ate

14. the best / are / tomatoes / "These / she said. / ever!"

Class

Name

Unit 7 How Rocks Become Soil

Translate the sentences.

1. In the / see / you can / rocks and soil. / mountains,

2. can turn / Rocks / How does / soil. / this / into / happen?

3. an / do / Let's / experiment!

4. Step 1. / rock sugar / Put / on / a piece of / paper. / a sheet of

5. the piece of / Look at / It is / rock sugar. / large.

6. It has / and / sharp edges, / there is / around it. / little powder

7. Step 2. / the rock sugar / Put / container / in a plastic / and close it.

8. the plastic / Step 3. / Shake / hard. / container

Class**Name**

9. Did / anything / it / Yes, / happen? / did.

10. smaller / The rock / into / broke / pieces. / sugar

11. how / is / This / soil / made. / is

12. break / and stones / in nature. / down / Rocks

13. They / soil. / become

Class

Name

Unit 8 The Magic of Nature

Translate the sentences.

1. Peter / his / with / uncle. / goes hiking

2. needs to / Peter's / hurt. / legs / He / rest.

3. lies / He / a big rock. / on / down

4. He / a tree / the rock. / growing on / sees

5. surprised. / He's / grow / "How can / he asks. / this tree / here?"

6. through / nature. / "That's / grows / the rock." / The tree

7. "The tree / the rock," / breaks / says. / his uncle

Class**Name**

8. break / can / "Wow, / rocks!" / trees

9. "Weather / rocks, / can / too." / break

10. "It / them / breaks / pieces." / small / into

11. rocks / "The / into / turn / soil."

12. "That's / "This soil / a rock." / used to be / amazing!"

Class

Name

Unit 9 The Shaking Drum

Translate the sentences.

1. big or / can be / Sounds / small.

2. We can / hear / We / can also / them. / see them.

3. you / Don't / it? / believe

4. do / Let's / experiment. / a / simple

5. Step 1. / some grains / Place / a small drum. / of rice / on the top of

6. Hit / Step 2. / softly. / drum / the small

7. Now, / Step 3. / the small / hit / hard. / drum

Class**Name**

8. What / when / happened / the drum / you hit / softly?

9. sound. / The drum / a small / made / It / a little. / shook

10. The / a / rice / little. / jumped

11. the drum / What / hit / happened / hard? / when you

12. The drum / a big / made / a lot. / It shook / sound.

13. of / The grains / high. / jumped / rice

14. made / Sound / move. / the drum

15. the grains / It made / jump. / of rice / sound. / We saw

Class**Name**

Unit 10 Ticking Clock

Translate the sentences.

1. in the / Jessica / living room. / is sitting

2. hears / She / sounds. / many

3. She / the / hears / ticking. / clock

4. Her / in the / yard. / is laughing / brother

5. the falling / She / hear / can't / leaves.

6. I can't / "Mom, / hear / she says. / fall," / the leaves

7. "The leaves / so you / are small, / hear them," / Mom says. / can't

Class**Name**

8. what / see / "Let's / are / like." / other sounds

9. We / in / sound / decibels (dB). / measure

10. are high, / When / a sound / is loud. / decibels

11. The sound / falling leaves / ticking / of the clock / sound of / is 20 dB, / is
10 dB. / and the

Class

Name

Unit 11 Different Shadows

Translate the sentences.

1. all around / shadows / us. / see / We can

2. Sometimes / see / we / shadows. / dark

3. light / Sometimes / see / shadows. / we

4. Let's / Why / think / do you / this is? / find out.

5. a clear cup / Step 1. / and dark cup. / Prepare

6. Step 2. / next to / Put / a light. / the clear cup

7. next to / Step 3. / Put / a light. / the dark cup

Class**Name**

8. look / Did / different? / the shadows

9. First, / kept / the light / a clear object. / hit / The light / going.

10. made / It / a / shadow. / light

11. hit / Then / object. / a dark / stopped. / the light / The light

12. made / It / a / shadow. / dark

Class**Name****Unit 12 Stop Following Me!****Translate the sentences.**

1. was / It / a / day. / hot

2. with / Jane / at the lake / her family. / was

3. running / was / in the sun. / around / She

4. A little / "Mommy! / is / kid / Help!" / following me!

5. under / Her mom / a tree. / Jane / was / to her. / ran

6. "Oh! / the little / Where did / kid / Jane said. / go?"

7. "Jane, / Mom said, / it's not / your shadow!" / It's / a kid.

Class**Name**

8. lay down / Jane / of a tree. / shadow / in the

9. She / her shadow / couldn't / anymore. / see

10. The / hid / shadow / it. / tree's

Class

Name

Unit 13 Gravity Pulls

Translate the sentences.

1. up / Jump / in / air. / the

2. Do / down / back / to the ground? / you come

3. course / Of / do! / you / This / of / is / gravity. / because

4. a bucket and / Step 1. / a paper cup. / Take

5. Poke / of the / a hole / bottom / in the / paper cup.

6. Step 2. / Put / into / your finger / Pour water / over / the hole. / the cup.

7. Step 3. / your finger / Take / off / See / happens. / the hole. / what

Class**Name**

8. The water / of / came / the hole. / out

9. Step 4. / your finger / put / Now, / the hole. / over

10. into / Pour / the / water / again. / cup

11. Step 5. / finger off / the cup / This time, / and drop / into the / the hole /
bucket. / take your

12. What happened? / didn't / The water / come out / the hole. / through

13. at the same / and the cup / fell / speed. / The water

14. pulled them / Gravity / both / at the same speed. / to the ground

Class

Name

Unit 14 A Fallen Apple

Translate the sentences.

1. Mary / reading / under / was sitting / a tree / a book.

2. An apple / "Ouch!" / head. / fell on / Mary's

3. There / Why did / no wind. / the apple / fall? / was

4. the apple / Dad said, / did it. / gravity / "Earth / pulled / Earth's / down."

5. pulls / "Gravity / the ground." / to / apples

6. to the ground, / "It / pulls / too." / your book

7. is / "Gravity / Mary / so / said. / strong!"

Class

Name

8. “Thanks to / you can / gravity, / on the ground. / sit

9. floating / The fish / in our pond / can swim / in the air!” / without

Class

Name

Unit 15 Modern Farming

Translate the sentences.

1. Farmers / hard. / work

2. seeds. / They / plant / They / animals. / feed

3. They / vegetables. / fruits and / pick

4. big / use / machines. / Farmers

5. But / need to / the farmers / the machines. / help

6. use / In / can / farmers / computers. / the future,

7. can / the seeds. / check / The computers

Class**Name**

8. see / the seeds / They can / when / water or / need more / sunlight.

9. Modern / use / farmers / machines. / can also / small

10. plant / Small / can / seeds. / robots

11. don't / The farmers / them. / help / need to

12. Modern / more / farmers / can / food. / grow

13. They / grow / can / food, too! / tastier

Class

Name

Unit 16 Robot Pill

Translate the sentences.

1. Take / your eyes / with / smartphone. / a picture of / your

2. looks / An app / picture. / the / at

3. It / your / looks / eyes. / at

4. knows / It / that / sick. / you / are

5. You / doctor. / the / go to

6. She / a pill. / you / gives / swallow / You / it.

7. There / inside / is / the pill. / a robot

Class**Name**

8. fixes / It / body. / your

9. this / Does / possible? / sound

10. Not now, / it / but / could be. / in the future,

11. Biotech / think of / engineers / new / like this. / technology

12. to help us / They use / technology / this / stay healthy.
