

Class**Name****Unit 1 Bubbling Air****Listen to the audio and fill in the blanks.****Track 03**

Can we see (1)_____? Can we (2)_____ it?

We cannot see air. We cannot touch it (3)_____.

But air is all (4)_____ us.

Let's do a simple (5)_____.

Step 1. Fill a large bowl with water.

Step 2. Put an (6)_____ plastic bottle in the water and push it down.

Step 3. Put an empty (7)_____ into the water and

(8)_____ the top.

What happened in this experiment?

(9)_____ came out from the bottle and the syringe.

They made a bubbling sound.

Bubbles are made of air. Look around you.

Where can you (10)_____ air?

Class**Name****Unit 2 Tony's Balloon****Listen to the audio and fill in the blanks.****Track 06**

Tony had a (1)_____.

"Mom, what's in this balloon? Can I (2)_____ it?"

Mom said, "You shouldn't. You don't want the air to (3)_____."

Tony (4)_____ to see the air. "Can I (5)_____?"

So he did.

The balloon got (6)_____.

"Mom, where's the air? (7)_____ came out, but the balloon got smaller!"

"Didn't you feel the (8)_____ blow when you untied the balloon?"

That was the air when it came out. We can't see air.

We can't (9)_____ it, but it's all (10)_____ us."

Class Name **Unit 3 Magnets Push and Pull****Listen to the audio and fill in the blanks.****Track 09**

A magnet has two poles. They are the (1)_____ and
(2)_____ poles.

Let's look at them.

Take two magnets.

Step 1. Put the same poles together.

Step 2. Put the (3)_____ poles together.

What happened when you put the same poles (4)_____?

They pushed (5)_____.

What (6)_____ when you put opposite (7)_____ together?

They pulled together. They stayed together.

Look at the photo below. You can (8)_____ a tower with ring magnets.

Put the (9)_____ with the same poles one on top of the other.

The magnets push away.

This helps make a tall (10)_____.

What else can you do with magnets?

Class

Name

Unit 4 New Pencil Case**Listen to the audio and fill in the blanks.****Track 12**

Emma didn't (1)_____ her pencil case.

All her pens (2)_____ from it. Emma was sad.

Dad gave her a new (3)_____.

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

She turned it over. She (4)_____ it. It didn't open.

"How does it (5)_____ closed?" Emma asked.

"There are two magnets in the pencil case," her dad (6)_____.

"When you (7)_____, the two opposite poles (8)_____. The pencil case closes (9)_____."

"Wow! This pencil case is (10)_____!"

Class**Name****Unit 5 Growing Seeds****Listen to the audio and fill in the blanks.****Track 15**

What do seeds need to (1)_____?

Let's take a look.

You need (2)_____, water, and two dishes.

Step 1. Put (3)_____ on two dishes and (4)_____ some kidney beans on top.

Step 2. Pour some water in one (5)_____. Everything else (temperature, light, etc.) should be the same for both dishes.

Step 3. Check both dishes seven days (6)_____.

Only the kidney beans in the wet dish have (7)_____.

The other beans didn't grow.

All the kidney beans had (8)_____ and the same (9)_____.

Only the kidney beans with water grew.

Seeds need water so they can grow.

What do kidney beans need to grow from (10)_____?

Class

Name

Unit 6 Growing Tomatoes**Listen to the audio and fill in the blanks.****Track 18**

Sarah ate some (1)_____.

"These (2)_____ great!" she said.

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

"They taste even (3)_____."

He (4)_____ some cherry tomato seeds.

Sarah (5)_____ them in soil. She made sure they had
(6)_____.

She poured water on the soil.

Nothing happened.

"We have to wait," said Dad.

She (7)_____ one week. (8)_____ grew!

She (9)_____ them some more. She waited even longer.

Cherry tomatoes grew!

She (10)_____ them.

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

Class

Name

Unit 7 How Rocks Become Soil

Listen to the audio and fill in the blanks.

Track 21



In the (1)_____, you can see rocks and soil.

(2)_____ can turn into soil. How does this happen?

Let's do an experiment!

Step 1. Put a piece of rock sugar on a sheet of paper. Look at the

(3)_____ of rock sugar. It is large.

It has (4)_____ (5)_____, and there is little

(6)_____ around it.

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

Step 3. (7)_____ the plastic container hard.

Did anything happen? Yes, it did.

The rock sugar broke into smaller (8)_____.

This is how soil is made.

Rocks and stones break down in (9)_____.

They (10)_____ soil.

Class Name **Unit 8 The Magic of Nature****Listen to the audio and fill in the blanks.****Track 24**

Peter (1)_____ with his uncle. Peter's legs (2)_____.

He needs to (3)_____.

He (4)_____ on a big rock.

He sees a tree growing on the rock.

He's (5)_____.

"How can this tree grow here?" he asks.

"That's (6)_____. The tree grows (7)_____ the rock.

The tree breaks the rock," his uncle says.

"Wow, trees can break rocks!"

"(8)_____ can break rocks, too. It breaks them into small pieces.

The rocks (9)_____ soil."

"This soil used to be a rock."

"That's (10)_____!"

Class

Name

Unit 9 The Shaking Drum

Listen to the audio and fill in the blanks.

Track 27



Sounds can be big or small.

We can (1)_____ them. We can also see them.

Don't you (2)_____ it?

Let's do a simple experiment.

Step 1. Place some (3)_____ of rice on the top of a small
(4)_____.

Step 2. (5)_____ the small drum softly.

Step 3. Now, hit the small drum (6)_____.

What happened when you hit the drum (7)_____?

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

The rice (8)_____ a little.

What happened when you hit the drum hard?

The drum made a big sound. It (9)_____ a lot.

The grains of rice jumped high.

Sound made the drum (10)_____.

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

Class

Name

Unit 10 Ticking Clock



Listen to the audio and fill in the blanks.

Track 30

Jessica is sitting in the (1)_____.

She (2)_____ many sounds.

She hears the clock (3)_____.

Her brother is (4)_____ in the yard.

She can't hear the (5)_____ leaves.

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

"The leaves are small, so you can't hear them,"

Mom says. "Let's see what other (6)_____ are like."

We (7)_____ sound in (8)_____.

When decibels are high, a sound is (9)_____.

The sound of the (10)_____ ticking is 20 dB, and the sound of falling leaves is 10 dB.

Class**Name****Unit 11 Different Shadows****Listen to the audio and fill in the blanks.****Track 33**

We can see (1)_____ all around us.

Sometimes we see (2)_____ shadows.

Sometimes we see light shadows.

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

Step 1. Prepare a (3)_____ cup and dark cup.

Step 2. Put the clear cup (4)_____ a light.

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

Did the shadows look (5)_____?

First, the light (6)_____ a clear (7)_____. The light kept going.

It (8)_____ a light shadow.

Then the (9)_____ hit a dark object. The light (10)_____.

It made a dark shadow.

Class

Name

Unit 12 Stop Following Me!

Listen to the audio and fill in the blanks.

Track 36



It was a hot day.

Jane was at the (1)_____ with her family.

She was running around in the (2)_____.

"Mommy! A little kid is (3)_____ me! (4)_____!"

Her mom was (5)_____ a tree. Jane (6)_____ to her.

"Oh! Where did the little kid go?" Jane (7)_____.

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

Jane (8)_____ in the shadow of a tree.

She couldn't see her shadow (9)_____.

The tree's shadow (10)_____ it.

Class**Name****Unit 13 Gravity Pulls****Listen to the audio and fill in the blanks.****Track 39**

Jump up in the air.

Do you come back down to the (1)_____?

(2)_____ you do!

This is because of (3)_____.

Step 1. Take a (4)_____ and a paper cup.

(5)_____ a (6)_____ in the bottom of the paper cup.

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

Step 3. Take your finger off the hole. See what happens. The water came out of the hole.

Step 4. Now, put your finger over the hole. Pour water into the cup

(7)_____.

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

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

The water and the cup (8)_____ at the same (9)_____.

Gravity (10)_____ them both to the ground at the same speed.

Class

Name

Unit 14 A Fallen Apple

Listen to the audio and fill in the blanks.

Track 42



Mary was (1)_____ under a tree reading a book.

“Ouch!”

An apple (2)_____ on Mary's (3)_____.

There was no wind. Why did the apple fall?

Dad said, “(4)_____ did it. Earth's gravity pulled the apple down.

Gravity (5)_____ apples to the ground.

It pulls your book to the ground, too.”

“(6)_____ is so strong!” Mary said.

“(7)_____ to gravity, you can sit on the ground.

The (8)_____ can swim in our (9)_____ without floating in the

(9)_____!”

Class Name **Unit 15 Modern Farming****Listen to the audio and fill in the blanks.****Track 45**

(1)_____ work hard.

They plant seeds. They (2)_____ animals. They pick fruits and
(3)_____.

Farmers use big (4)_____. But the farmers need to help the
machines.

In the (5)_____, farmers can use (6)_____.

The computers can (7)_____ the seeds.

They can see when the seeds need more water or (8)_____.

Modern farmers can also use small machines.

Small (9)_____ can plant seeds.

The farmers don't need to help them.

Modern farmers can grow more food.

They can grow (10)_____ food, too!

Class

Name

Unit 16 Robot Pill**Listen to the audio and fill in the blanks.****Track 48**

Take a (1)_____ of your eyes with your (2)_____.

An app looks at the picture. It looks at your eyes.

It knows that you are (3)_____.

You go to the doctor. She gives you a (4)_____.

You (5)_____ it.

There is a robot (6)_____ the pill. It (7)_____ your body.

Does this sound (8)_____?

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

(9)_____ engineers think of new (10)_____ like this.

They use this technology to help us stay healthy.