

Unit 1 Why Are There Days and Seasons?

It's light outside. It's dark outside. Why does this happen? The earth is round. It spins. We face the sun in the day. We face away from the sun at night.

The earth also moves around the sun. This takes a year. From April to September, the northern half of earth faces the sun. So it's warmer there. From October to March, the southern half faces the sun. Then it's warmer there. This is why we have seasons.

Unit 2 The Shape of the Earth

It's hard to see the shape of the earth. The ground looks flat and it feels flat. For a long time, people thought the earth really was flat.

Around 500 BCE, Pythagoras looked at the moon. He saw that it is round. He thought the earth must be round, too.

In 350 BCE, Aristotle tracked the stars. They showed that the earth is round. Later, scientists proved this is true.

Unit 3 The Mystery of the Moon

People like looking at the moon. In the past, people did it, too. They wondered what the moon is made of. Some people guessed, "Green cheese!"

In 1969, people landed on the moon. The moon moves around the earth. The moon is big, but it's smaller than the earth. It's about 384,400 km away.

We still have questions about the moon. But we know some things. For example, it's made of rock, not green cheese!

Unit 4 The Earth's Blanket

The earth is in danger! There are huge rocks in space. They are dangerous! The sun's light is strong. It could hurt us.

But don't worry. The earth has an atmosphere. The atmosphere is the air around the earth.

The atmosphere is like a blanket. It keeps the earth warm. It stops rocks. Rocks coming toward the earth burn in the atmosphere. We call them "shooting stars." The atmosphere also makes sunshine safer for us.

Unit 5 Art and Health

How do you stay healthy? Do you exercise? Do you eat healthy food? Do you make art?

Making art is good for you. It helps your brain. It helps you relax.

Doctors often use art to help people. For example, people sometimes have bad dreams. And they're not sure why. The doctor can ask them to draw the dreams. Then they discuss the pictures. This helps people understand their feelings. Then they feel better.

Unit 6 Painting in the Air

Art is changing. Artists are now using computers. Programs help artists create art with computers.

Artists can paint in 3D. They see their art through a VR headset. They use special tools. The tools help artists make their art. It feels like they are painting in the air.

People can see the art. They use their own computer. They use their own headset. They can walk around the art. They can even touch it.

Unit 7 Picasso's Famous Painting

Pablo Picasso was a famous painter. He is famous for his art style.

In 1921, he painted two pictures. They are both called *The Three Musicians*. They show three men playing music. Their bodies look like puzzles. Their faces look strange. The colors are unusual.

People loved this new style. This art was different. It was new. It was exciting. Other artists started painting this way. Picasso changed the art world.

Unit 8 Points of Color

Today, we see many pictures made of pixels. We see them on TV and computer screens. Pixels are small dots of colored light.

Using dots to make pictures is an old idea. Artists have done it for a long time. Georges Seurat was an artist in the 1800s. He made paintings with dots.

Look at his paintings from far away. You see a beautiful picture. Then come closer. Look again. You just see dots!

Unit 9 Put It in the Bank

Is there something you want to buy?

You should save your money. You can buy what you want when you have enough.

Do you want something cheap? It's fine to have a little money at home. Soon, you will have enough.

Do you want something expensive? It's dangerous to have a lot of money at home. You will need to save for a while. Put the money in a bank. It will be safe there.

Unit 10 Earning Money

Money is important. Money pays for food. It pays for clothes. It pays for a place to live.

What's the best way to get money? The only honest way to get money is to earn it. Most people earn money by doing a job.

Even children can find a job. Children can walk a neighbor's dog. They can help clean their homes. They can deliver newspapers. How would you like to earn money?

Unit 11 Making Money

Long ago, money was coins. The coins were made of gold and silver. Gold and silver are valuable. Today, money is made of paper, too. Paper is not valuable. But paper money works. How?

Governments print paper money. They don't want people to print fake money. So they make money special. It has art on it. The art has many details. It's hard to print. Some money has holograms. These are very hard to make.

Unit 12 Penny Pincher

"Penny pinchers" count every penny. They never spend more than they have to. This doesn't sound fun. But it's a good idea.

Do you buy a snack every day? You may be spending too much. A snack may cost a dollar. That's seven dollars a week!

Buy snacks in bulk. This means "a lot at one time." Buy a box of snacks. You'll save money. Just be careful. Don't eat them all at once!

Unit 13 Music in a Bottle

Glass bottles can make music. Blow across the top of a bottle. The air inside moves, and it makes a note.

A song is made from many notes. So to play a song, you need many bottles. Put different amounts of water in each bottle. Each bottle has a different amount of air.

Bottles with more air make lower notes. Bottles with less air make higher notes. Now you can play a song!

Unit 14 Eat Your Instruments

Do you like the piano? What about the guitar? Do you like the Drum? What about an onion?

A group in Austria makes special music. They make music with vegetables. First, they shop for vegetables. Then they cut the vegetables. They cut them into instruments.

Some of the instruments are easy to make. Some of them are hard. The group works hard to make them sound good. Then they have a vegetable concert!

Unit 15 Mouth Music

There are many ways to make music. You can use musical instruments. You can also use your mouth. You can sing. You can whistle. Or you can beatbox.

Beatboxing became popular in the 1980s. People use their mouths to make sounds. They make beats. They also use their hands and bodies to make sounds. Sometimes they also sing or rap.

Today, beatboxing is still very popular. It's a big part of hip-hop music.

Unit 16 Telling Stories with Music

People like plays. They like music. Musicals put the two together.

Musicals are special. Characters talk and sing.

Musicals aren't new. They became popular in the 1940s. Oklahoma was a big hit. Everyone saw it. It's about life on a farm. It's a love story.

People still like musicals. Wicked is a popular one. Wicked tells the story of The Wizard of Oz. It tells the story differently. In it, the witch is the hero!