

Reading Future Change 3

Unit 1. How Does Technology Change Our Lifestyle?

Smartphones have become indispensable to modern people. In the bus or subway, everyone is looking at a smartphone with their head down. Let's take a look at the advantages and disadvantages of smartphones.

The advantage of smartphones is their portability. Feel free to use it anytime, anywhere. Our network is well developed so we can use it anytime, anywhere.

The second is communication. You can talk on the phone with friends, family, and co-workers 24 hours a day, and get in touch anytime, anywhere.

Third, Internet access is easy. You can get real-time access to the Internet, where there is a large amount of information, and you can search for the information you want.

Fourth, you don't have to buy a camera. Smartphones have become more and more capable, so you no longer have to buy a separate camera.

Fifth, you can stream or download music for convenient listening anytime, anywhere.

Now let's look at the disadvantages.

The first one is the turtle neck syndrome. Looking at a smartphone all day long causes some bad symptoms, such as shoulder pain, headaches, fatigue, back pain, numbness in your arm, and poor efficiency of work.

The second is poor vision. When you turn on your cell phone at night, the blue light from your cell phone will impair your vision, making your eyes tired and worse.

Thirdly, there is a security issue. It is likely that smartphones with their own privacy are easily leaked and used in crime.

Lastly, time is wasted. Social networking sites have a wide range of provocative materials, leading to increased time spent on smartphones and not reading books.

Unit 2. Street Food

When we go on a trip, we can see many different street foods. Let's take a look at some of the popular food on the streets overseas.

1. Moo Dad Die (Thailand)

CNN was chosen as one of Asia's top 10 street foods, and it is fried pork jerky, pickled with goode, soy sauce, and fish sauce.

2. Bak chor mee (Singapore)

It is called bak chor mee. It is a noodle dish with spicy sauce and pork mixed with vinegar, and it is flavored with meatball meat and dried in a flat, dry flesh bone.

3. PaniPuri (India)

It is made of vegetable, spices, and potato curry after drilling in the middle, and is soaked in spicy water.

4. Chebakia (Morocco)

It is a sweet cookie fried in the shape of a rose and topped with long, miso syrup. It is the first meal in the month of Ramadan in Islam.

5. Kokoretsi (Turkey)

As a Turkish Net, it is a chewy, savory texture with its mutton baked in a long stick. It is also a popular food with Koreans.

6. Arancini (Italy)

It is similar to a rice ball baked or fried in southern Italy. It was created in Italy by eating the food the Arabs ate with saffron wrapped in bread crumbs and fried in Italy.

Unit 3. Interesting Festivals Around the World

Let's learn about the different festivals being held all over the world.

In Germany, a festival is held in memory of the famous musician Beethoven, who composed Moonlight Sonata and fifth symphony. Bonn, the capital of the small town before reunification, is the hometown of Beethoven, where various classical events are held. At the same time, Oktoberfest is held in Munich. You can drink a lot of popular beer at a low price, and there is plenty to see.

In October, India's traditional festival, the Diwali Festival. Diwali offers thanks to the gods as a "procession of lights," and illuminates houses and villages before and after the New Moon Day.

In November, the Beaujolais Wine Festival is held in France, and in the United States, the Thanksgiving Day parade is held in front of the Macy's Department Store in New York. Large character balloons will be followed by parades with different characteristics.

In December, there is Christmas, and in Norway, a beautiful winter kingdom, there is an outdoor Christmas market where you can see Christmas decorations, crafts, and traditional foods.

In January, you can see a variety of sculptures made of ice at the Harbin International Ice and Snow Sculpture Festival in China.

February is one of the world's top 10 festivals, the Venice Carnival of Italy, which attracts more than three million people a year. Along with citizens and tourists dressed in colorful masks and masks, various events such as parades, performances and fireworks will be held. The Rio Carnival is also held in Brazil in late February every year, and the samba parade is the core of the carnival. About 4,000 dancers and 60,000 tourists are gathered and recognized as a worldwide festival.

In March, the Hindu Spring Festival of Holi in India is held. As a national holiday, it is called a festival of colors as it rubs various colors of powder and paint against the face and body.

The Songkran Festival is held in Thailand in April. Originally they cleaned, burned old things, and threw light water, but now they spent the rest of the festival spraying water with water guns, hoses, and buckets.

In August, Spain's Valencia Buñol, a tomato festival featuring more than 30,000 people from all over the world, will be held. It is a festival that throws tomatoes, enjoys, and holds events such as performances, parades, and fireworks. The Notting Hill Carnival is also hosted in Notting Hill, England, as one of the world's top 10 festivals to showcase the culture and tradition of immigrants.

Unit 4. Good Luck and Bad Luck

Let's take a look at the symbols of good fortune. The most popular one is the four-leaf clover. People find a four-leaf clover because they believe it brings good luck. There is a famous Napoleon story. Napoleon happened to be passing by the clover field when he fought in the Battle of Waterloo when he saw a four-leaf clover, and at that moment a bullet was fired into his head to save his life. Since then, four-leaf clovers have been a symbol of good fortune.

There is also a lucky number that Westerners love. 7 is a number symbolizing the universe, and it is considered that the saints have reached space by walking seven steps and shining on the seven steps. It is said that after six days of Christian rule and God created heaven and earth, Europeans considered the number seven holy for the seventh day.

In China, the number 8 is called lucky number. It is said that the Chinese pronunciation of the number 8 is similar to the word that means "accumulate wealth." He also likes 8 because it has a harmony and balance. So the skyscrapers in Shanghai and Hong Kong are 88 stories tall.

In Europe, the horseshoe is to bring good luck, so if you find it in Europe, you'll have good luck. The horseshoes are made of cast iron to protect the horses' hooves, and the good results will be the result of countless efforts to make them and the sweat of the horses, and the horse's tireless efforts.

On the contrary, let's look at the symbolism of bad luck.

In Japan, the number 4 has the same meaning as the word "Lion," and the number 9 has the same meaning as the word "bully," making it a bad number.

In Russia, people avoid black, yellow, purple, and orange, and dislike asymmetry, sharp lines, and intricate patterns.

Unit 5. Insects as Food

Although the insects people think are small, creepy looking animals, food has great advantages.

First, an insect is an animal that belongs to the arthropod and can divide the entire body into three parts: head, chest, and stomach, and has six legs.

There are about 800,000 species of insects, and they can be found anywhere in the world, and they have settled on Earth before us for 350 million years. With its massive reproduction capacity, the entire population of the Earth is covered by about 1,000 trees. With such strong vitality and fertility, the ingredients are readily available. It also has a variety of nutrients, including protein, and it is also easy to feed and eat.

Insects can be grown in small spaces with small doses of feed, and these are thought to be higher in protein than other livestock, making them less likely to eat them in cold blood.

However, it is impossible to resist eating insects. So the biggest task is to reduce the aversion to insects. Recently, all of the menus, such as pasta or cookies, have started drying insects and grinding them finely to make powdered insect powder.

In order to put insects on the table in the future, we will have to go over the mountain and search for efficient production methods and cooking methods.

Unit 6. World Penguin Day

Have you ever heard of "Penguin Day"? On April 25 every year, the World Penguin Day was created by the press around the world to remember and protect penguins that are becoming extinct due to environmental pollution and environmental damage.

The reason why April 25 is designated as this date, as scientists say, at this time of the year, penguins in Antarctica begin moving northward.

There are 18 penguins in the world and some penguins have been named endangered species. According to a report by the Seoul Federation for Environmental Movement, penguins in Antarctica are declining in population due to reckless increases in krill operations in Antarctica, reduced food supplies due to climate change, and reduced ice formation.

Antarctica, known for its abundant resources and sea life since the 1700s, is under indiscriminate exploitation. Fish and krill are produced all over the world, reducing the basic prey of penguins, seals, and other fish species, and the increase in the number of diatom plants has dramatically changed the climate. Current and meteorological changes will reduce the area of the ice, the habitat of penguins.

It rains a lot on Earth because of global warming instead of snow. Baby penguins are said to be hairy and not waterproof before being cut, so they are more likely to lose their body temperature when exposed to rain, making them a verb. Baby penguins that survive the winter under their mother's arms are said to be killed in the rain.

Even World Penguin Day on April 25 should be protected and considered worldwide.

Unit 7. The Amazing Cockroach

Cockroach can carry disease germs easily and give us an aversion. There are five signs that such cockroach is in my house.

1. Weird smell

If for no reason is the house musty, then you should be suspicious of cockroaches.

2. Cockroach eggs

Cockroach chicks are infested with hard eggs. It is usually hidden behind furniture or in the dark in the sink.

3. Larval molting

The baby cockroach is small, but when it comes to breaking away, it looks for a dark spot, leaving a light brown cockroach model behind.

4. Cockroach dung

It is a dark matter such as coffee or ground pepper and it is placed in a dark place, such as under a sink or kitchen appliance.

5. A live cockroach

If only one cockroach is seen, it means it lives a lot more.

If you see any of the above symptoms, quickly start fighting against cockroaches. Let's take a look at some of the ways you can do it at home.

1. Spread lemon skin and lemon juice around the house or near cockroaches.

2. Put the coffee in a pot or bowl and soak it in the water. The cockroach gets drowned when it smells like coffee.

3. Mixing fabric softeners and water at a ratio of 3:2 to put them in a spray bottle and spray cockroaches to help.

4. Boric acid is the most effective pesticide and is dangerous to humans to eat, so keep it out of the hands of children and animal companions.

5. Mix the sugar and baking soda 1:1 and sprinkle the cockroach in the place where it was found.

Try to kill the cockroach without any pesticides using the above methods.

Unit 8. Animals' Defenses

Animals evolve to survive fiercely. The giraffe has grown its neck length to eat its high prey, and the cheetah has grown its sharp teeth, claws, and running skills to hunt efficiently.

Predators use a good sense of smell when they hunt. For instance, shark's keen sense of smell, lion's excellent vision, and snake that sense infrared rays, these are the representative examples.

In the animal kingdom, making it look like an object or animal that is around to protect itself from predators or to hunt easily is called a "imitation." Let's take a look at concealment and vigilance.

Concealment is a trick that looks like an object or animal around you to keep it hidden. For instance, the moth sits on a tree trunk disguised in a color similar to a stem, and the caterpillar has a color similar to a leaf. The chameleon is most popular, and its color changes much faster than other animals, and it varies with its surroundings.

Vigilance is a case in which a person pretends to be armed, such as a bad apple or poison, and then cheats on the other side. The governor's butterfly looks like a butterfly with poison, and the beetle's clown is cheating on a predator by mimicking a bee with a sting.

Animals that have evolved over the years are maintaining a proper balance in the ecosystem as they develop their attack and defense strategies.

Unit 9. Computers That Can Compose Music

In February 2018, the sound source made by AI was released. When you talk about the music you want, AI makes new music in 30 seconds.

Artificial intelligence, which has recently emerged as a new star composer, has now moved into the area of making music. Music is no longer a human creation.

Artificial intelligence is not making music these days. In the past, music was made according to algorithm. Artificial intelligence, which has been called "computer music," started to gain power in various areas of music as deep-learning techniques became established.

One of the most striking things about artificial intelligence is that human composers produce music in a single moment using a large number of learning data created over the years. This is the result of learning and mimicking the songs of genius composers.

Anyone can use the program created by British artificial smart startup Zuck Deck to customize their music by entering the genre of music they want, the speed of music, the musical instruments they want, and the mood they want.

The AI music program was poor until 2018, but by 2018, it was so elaborate that it was difficult to distinguish artificial intelligence from man-made music. This is a steady evolution of deep learning. If these artificial intelligence programs combine with the human emotions, I think they will maximize the effects.

Unit 10. Michael Jackson, The King of Pop

In 1958, a great pop sensation named Michael Jackson was born. He has served in a variety of activities, including as a singer, composer, musical producer, dancer, actor, and philanthropist, and is a historic figure in the popular culture that has made great contributions to music, dance and fashion.

As a child, he worked with his brothers as a group called the Jackson Pipe. Michael looked happy singing with his siblings, but in fact he suffered persistent abuse from his father.

His talent shines when he meets the talented producer Quincy Jones. The first album "Off the Wall" in 1979 made Michael to stardom. He was 21 years old at the time.

Since then, there have been some of the biggest selling and historical albums in pop history 'Thriller.' The official record is 65 million copies, but the actual amount is estimated to be over 100 million copies and is listed in the Guinness Book of Records. The song's song "Billy Jean" also gained popularity with its "Moon Walk," a slip-walking dance.

In 1984, he became a nominee in 12 categories for the Grammy Awards, and also won the first place in eight categories, including the film 'E.T' sound track. He led the cultural phenomena and trends of the time as well as music and dancing. It even opened the way for black singers to enter the center of the American music scene. The music video he created also created a realm of 'visible music' with fantastic visual beauty.

He has produced almost every song and has moved on to become an artist who performs perfectly to the point of dancing. It also performed various activities such as concerts, advertisements, and charity campaigns. He had as many rumors as he was popular, making him suffer. The accusations of sexual harassment in 1993 sent shockwaves throughout the country and attempted to respond to defamation, but after paying the settlement money and putting it under control, his myths quickly collapsed. Michael Jackson then retreated from his founding Neverland, cut off public communications, and died of a heart attack in 2009.

Unit 11. The Jazz Player

Louis Armstrong was born in 1901 in New Orleans. At the time, his father was a day laborer in a slum, and his mother was a single mother before she turned 16. Armstrong helped a house by selling coal and trash. He collected coins and sang on the streets as he organized a quartet with his peers. By the time he was 13 years old, he was locked up in a juvenile detention center with his stepfather's pistol, and at the school he received a musical instrument called the Cornet (a little bit smaller than a trumpet).

He has moved to Chicago after he left the juvenile detention center and acted as a member of the King's Band. Then he led the group 'Hot Five' in 1925. He did scat singing for the first time. It is vocal improvisation with wordless vocables, nonsense syllables or without words at all. He made his mark by performing all over the world. He visited the country in 1963 and performed for two weeks.

In 1964, he beat the Beatles for the oldest Billboard title ever with 'Hello, Dolly!' He has also acted in various fields, including movies, radio, and TV shows.

As the days grew worse, his health became worse, as Louis' hit song "What a Wonderful World" was released in 1967, and four years later, he died of myocardial infarction and lung cancer at the age of 71.

When the poet Yevgeny Yevcushenko met his death, he said, "Angel Gabriel, give the trumpet to Louis Armstrong." With the expression, he expressed his beautiful life and music. The next year, Louis Armstrong received a public relations award at the Grammy Awards.

In July 2000, the Armstrong Memorial opened in New York.

Unit 12. Music Therapy

Music therapy is a specialty of music that uses musical activities systematically to improve one's physical and mental function, to pursue individual quality of life, and to bring about better behavioral changes. This therapy is used to implement individual and collective therapy from the standpoint of behavioral science.

The goals of this music therapy are as follows:

1. It is an aggressive therapy method that brings great influence to physical, cognitive and social functions.
2. It is an effective therapy method to control pain and stress without drug.
3. Organize the inner world of the suspect and present it to the outside world.
4. It helps you interact with people and maximize social functions.
5. The institution establishes a safe and positive care environment to achieve the purpose of therapy.

Such music therapy has a diverse and broader range of targets and territories.

Music is a nonverbal, completely harmless art medium, so it is especially useful for autistic children. Autism is a type of overall developmental disorder that is a disorder of neural development that causes a decline in comprehension in physical, social and linguistic interactions. Most autistic children feel a great deal interested in music, respond to it, and sometimes show great qualities.

Music therapy for autistic children should focus on sensory, social and emotional development, and language development, and when music is played for sensory neural development, it moves the body and then the music stops. For social and emotional development, children can hold hands with a therapist, shake their bodies to the music, and interact with each other through the activities of imitating other people's rhythms.

Lastly, by playing instruments such as a recorder or harmonica for language development, it can also help the movement of the jaw, lips, and tongue, and can also elicit a good physical and vocal response from a child through singing and rhythmic movement.

Unit 13. Future Jobs Need Coding

U.S. President Barack Obama, her former American president is a 2014 event in the coding education speech to stress. "Coding is a matter of the future of the country as well as individuals, and I want every American to learn to code," he stressed.

It shows that the world considers the information technology and software industry to be a source of national competitiveness based on coding education.

Why is the whole world so immersed in coding for programming in computer languages? This is because the industrial paradigm has changed. This is because the era of the fourth industrial revolution is now opening, led by artificial intelligence and ICT. As a result, the era has arrived in which artificial intelligence addresses simple knowledge processing and labor requires thinking skills, creativity, information collection, information processing - information literacy, and problem-solving skills.

This coding, which enables abstract code to be a physical phenomenon, is the best solution to further develop the capabilities described above. The coding process, such as sequence and repetition, is used to understand algorithms and to develop computational thinking skills in the process of troubleshooting problems.

Kim Jung-ho, a professor at KAIST, said, "Just like humans do to learn a language, coding is to learn the language needed to communicate and communicate with computers so that school distribution is based on digital abilities."

Unit 14. How to Choose a Job

It is not easy to decide one of the different career paths. The three criteria for finding the right career are as follows. Would you choose a job to use your brain or body? Would you choose your work alone or work together? Would you want to choose money or interest of job? Let's look at it one by one.

1. You should decide whether to use your brain or body to choose a career. Professors or researchers are the one of examples. The body is comfortable, but it has lots of stress, and it is difficult to measure the performance clearly. On the other hand, the physical profession is a functional profession such as athlete, welder, and auto mechanic. They have healthy body and the job clearly demonstrates tangible results.

2. You should think about working together or alone. Jobs such as car drivers, photographers, and hairdressers often have to work alone. Though they can work all their lives without retirement, they can suffer in the beginning because they have to build up their skills on their own, and they shine over time.

On the other hand, broadcasters, journalists, actors, firefighters, and commercials often work together. For instance, the announcer follows PD's instructions, and is required to see the script of the broadcast writer and to be assisted by many staff members, including the filming director, recording engineer, and editorial writer. Also, they do a lot of collaborative work such as interview and item selection to write articles.

In the past, many people worked alone, but as ICT has evolved, it has become more common to communicate and collaborate, and businesses are more likely to prefer talent that can integrate well with and collaborate with organizations. However, if it is necessary to collaborate with others, the work stress can be relatively high.

3. Choose the real value of money and ideal value, interest. If values are given to monetary matters, there are bankers, lawyers, accountants, and fund managers. It is suitable for people who are realistic and practical. On the other hand, there are cartoons, musicians, writers, entertainers, and athletes who value the interest. They often pursue ideal value, but they work irregularly and efforts and costs are often inconsistent.

There are more criteria to choose from than these three questions, but I need to check and validate what kind of job really suits me.

Unit 15. Unusual Jobs

There are many unusual occupations all over the world we don't know about. Let's take a look at a few things.

1. Lego Model Architect

Lego lovers are probably a tempting job. Lego Company has an accredited model maker that specializes in making Lego sets and models. Through fierce competition, about 50 people are working at the Legoland Discovery Center.

2. Baby poop analyst

It is to monitor the condition of the baby's side and analyze the health status. It should be easy to explain a child's health and analyze the baby's side through Internet message boards and apps.

3. Digital funeral director

In the event of death and leaving digital footprints on social networking sites, it is necessary to clean up his traces, and it is the digital master who works to remove his traces at the request of the bereaved family members or in the will of the deceased. They check, delete, and dispose of the deceased's digital information, including financial assets and liabilities, as well as delete website accounts.

4. The Mermaid

Wearing mermaids and performing swimming and acting in water parks, resorts, or Aquarium, they move and lip-synching under the water according to choreography. Wear snorkeling equipment for more than 30 minutes under cold water or under water for more than two minutes without breathing.

5. White Hacker

Usually, hackers are divided into white and black, and White hackers use hacking for good purpose to find holes in the IT system and penetrate them. Find these holes and report to the owner to help strengthen system security.

6. Artificial eye designer

Making it as similar as possible to the real human eye, it is used to create a bill tailored to the person who lost his or her eyes to accidents or diseases, or to create a mass-produced bill. It should take at least five years of intensive study.

Unit 16. The World's Worst Job?

Every year in the United States, the top jobs and worst jobs are surveyed in 2017, with the top jobs being statistical experts and the worst being journalists. The lowest out of the total 200 ranks was a newspaper reporter, and just above was a broadcast reporter.

The occupations that are followed by top statistical experts are medical service managers, process analysis experts, information security analysts, data scientists, university professors, mathematicians, software engineers, professional therapists and language therapists.

The report was divided into the National Labor Office's statistics, business environment, stress, and future outlook.

The lowest-ranked reporter said labor intensity is high, stress and social pressure are very high, the future of the industry is gloomy due to the reduction in advertising, and there is not much prospect of improvement in the future.

In Korea, one of the best jobs was being the curator, while the worst was named the construction and mining worker. The first rank of the museum's curator or cultural heritage preservation institution was not highly paid, but it led to good grades in the work environment and culture that were followed while the work force was not high.

As the mine worker was on the verge of going out of business, it was difficult to be recognized as a promising occupation. Also, most of the jobs in the lower castes were jobs in the first industry. Jobs with poor benefits and wages and poor working conditions require improvement in working conditions and working conditions.