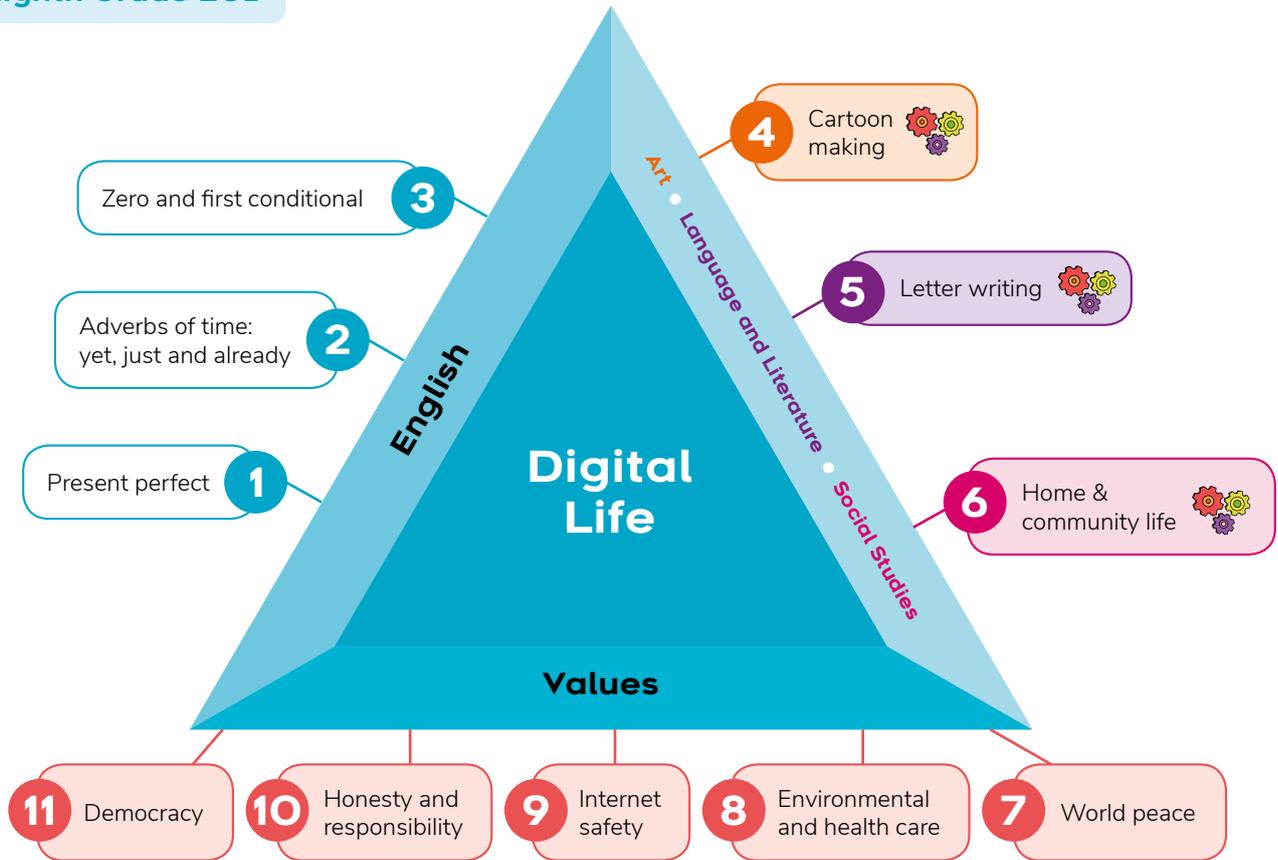


English Pedagogical Module 4

How much technology is in my life?

Curricular Threads: Communication and Cultural Awareness, Oral Communication, Reading, Writing, Language Through the Arts

Eighth Grade EGB



Did you know that...?

- IBM made its first supercomputer in 1956 and it weighed over one hundred kilograms?
- Email or electronic mail was invented in the 1960s, and around 20 years later the World Wide Web (www) appeared?
- Gary Thuerk was the first man who sent a spam email in 1978?
- In 2012, a company discovered that most traffic on the internet is caused by hackers, bots and malicious programs and not by people?



What do you think about these facts? Are you familiar with the terms spam, hackers and bots? Discuss with a partner.

Communication and Cultural Awareness



Social Studies

How much digital technology do you use every day?

Value: Internet safety

Using digital devices in excess can affect your mental health and it can end up as an addiction that is usually hard to control without professional help.

Tip

Don't forget to listen to others' ideas and take turns. You can use expressions to agree/disagree like:

- *I think so. / I don't think so.*
- *I understand your point, but I think...*
- *I agree to some extent.*
- *I see what you mean but...*
- *I couldn't agree with you more.*
- *I don't agree at all.*

Vocabulary

device. an object or machine invented for a purpose

trap. a device designed to catch and retain animals or people so they can't escape

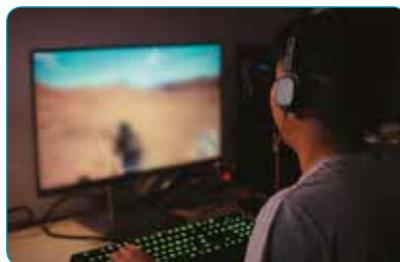
in favor. having or showing approval

against. in opposition to something

wrap up. to finish doing something

Digital Devices in Our Lives

The first digital **device** was a huge numerical computer created in 1946 during World War 2 to send secret messages. At present, 43.3 % of the world's population has access to computers. Thanks to technology, there are lots of devices we can use to study, to obtain precise information and share it in seconds, to communicate worldwide, etc. However, not everyone uses technology correctly. Some people get sick because they play video games for hours and others lose their money because they fall into digital **traps**. That's why we have to manage our time correctly on digital devices!



1. Let's get ready for a debate! Follow the steps below.

Theme: Do you think the use of digital devices benefits our lives?

- Step 1** Divide the class into two groups. One group is going to be **in favor** and the other one **against** the theme.
- Step 2** Choose a neutral person (a mediator) who is going to establish order and assign turns for each participant.
- Step 3** Think of positive/negative aspects of using digital devices (depending on the group). Try to search for new vocabulary if possible.
- Step 4** One member of a group starts the debate by saying the first idea. Then, a member of the other group tries to say the opposite thought (positive/negative side of that idea), and so on.
- Step 5** Each group finds a conclusion to **wrap up** the activity. Did one side present better points to support their position?

2. After the debate, what is your personal position on this topic? In a couple of sentences answer the theme question and support your answer giving one or two reasons.

Opinion: _____

Reason 1: _____

Reason 2: _____

Conclusion: _____

Oral Communication

Are you on Facebook?

A Famous App

1. Listen to an interview on TV show. Can you name the show? What details do you know about the show?

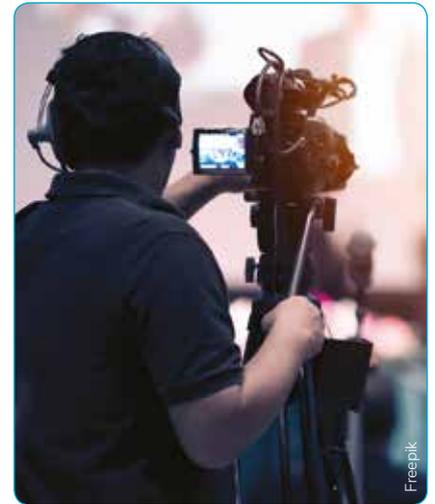
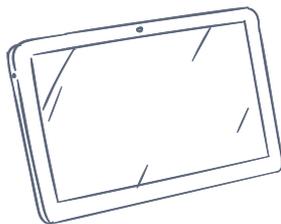
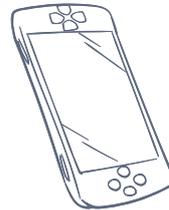
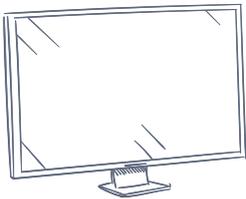


Audio
Listen to the dialogue.

2. Listen to the interview again and match the column on the left with the corresponding pair on the right.

- | | | |
|--|-----------------------|-------------------------------------|
| a. As many people know | <input type="radio"/> | just by typing their names. |
| b. I was 19 years old | <input type="radio"/> | you can manage your profile. |
| c. You can find your friends and relatives | <input type="radio"/> | when Facebook went viral . |
| d. From your account | <input type="radio"/> | the name of the app is Facebook. |

3. Look at the pictures and circle the digital devices on which Facebook is available.



Challenge! Find a partner to act with!

4. Now you are the journalist (student A), write 3 other questions that you would like to ask Mark Z (student B). Then, switch the roles.

Student A: _____

Student B: _____

Student A: _____

Student B: _____

Student A: _____

Student B: _____

Vocabulary

app. abbreviation for the word application

successful. accomplishing the the desired results

release. to make something accessible for public use or to buy

upload. to copy or move programs, information, etc. to the internet

available. ready to be used or obtained

manage. to be able to do something at a particular time

go viral. something that quickly becomes popular on the internet

Reading

Are teenagers in danger?



Digital Technologies and Digital Media

1. Read the following news article about the potential harm caused by digital technologies these days. Then answer the questions below.

In our daily lives, technology has become more and more used. For many people, it is so important that they go crazy when it stops working. Adolescents are not the exception, most of them are so **engaged** in it that in some cases they put their normal lives **aside** to stay connected to their devices. However, they are not the only victims of these technologies. There is an **increasing** trend toward digital media in the society in general.

On one hand, there are the digital or technological devices which are the physical objects people use to make videos, record music or take pictures. On the other hand, there is digital media, also called **social networks** that are the **intangible** tools that users access to connect and share information, images, music and so on.

2. What is the difference between digital technologies and digital media?

3. According to the article, are adolescents the only victims of these technologies? Support your answer.

4. In pairs, complete the following chart with the examples of digital technologies and examples of digital media from the box. Give a couple of extra examples of your own for each column.

- Facebook
- smartphones
- digital cameras
- Twitter
- webcams
- Skype
- camcorders
- YouTube

Digital Technologies	Digital Media

Vocabulary

engaged. involved in something/with something

aside. to one side

increasing. to make something bigger in quantity

social network. a digital way of communicating with many people

intangible. impossible to count or touch

Writing

Have you ever been to the movies? What type of movies do you like to watch?

Cinema World

Every day there is a new film released for movie theaters. There are romantic, comedy, action, drama, animated, horror, and science fiction films.

1. Can you label the movies with the right type? Write the type of movie below the picture it describes.

drama

horror

animated

romantic

action

science fiction



Pixabay

2. You are talking to a friend about movies. Complete the conversation using the present perfect tense.

Tony: There's this new movie theater at the mall. _____ you _____ (go) there yet?

Johan: No, not yet. You?

Tony: I _____ just _____ (come) from there. I love it.

Johan: I _____ (hear) it's really big. What movie did you see?

Tony: "Fast and Furious." Do you like action films?

Johan: No, not much! I'm more into sci-fi. _____ you (see) _____ Star Wars?

Tony: Yes, I _____ already _____ (watch) all the sagas.

3. Now continue the conversation. In pairs, write a few more lines for each kid. Don't forget to use the present perfect and adverbs of time at least in a couple of sentences! When you finish, role play with your partner the whole conversation.

Child A: _____

Child B: _____

Child A: _____

Child B: _____

Grammar Tip

Present perfect tense can be used to talk about past actions with no specific time of the action. The structure of a sentence is:

Subject + *have/has* + verb in *past participle* + (complement).

Remember!

- The **past participle** of regular verbs end in **ed**. i.e. *played*, *cooked*, *watched*
- The **past participle** of **irregular** verbs has **different** forms. i.e. *gone*, *seen*, *eaten*
- You can use the **time adverbs**: *yet* (until now), *already* (earlier than expected), *just* (a very short time ago), *never* (not at any time before).

Vocabulary

ever. any time

the movies. cinema or movie theater

sci-fi. short way to say science fiction

saga. an extended story. Star Wars and Harry Potter are examples

whole. complete

Language Through the Arts



Are all cartoons funny, or can you learn from cartoons?

Value: World peace

Many authors and artists in general, such as Quino, use their work to promote world peace. We can be part of the solution by finding a peaceful way to solve our conflicts at home, in school, and everywhere.



Mafalda: The Girl who Changed a Nation

Did you know that...?

The images in films are called **frames** and the images in cartoons **cells**?

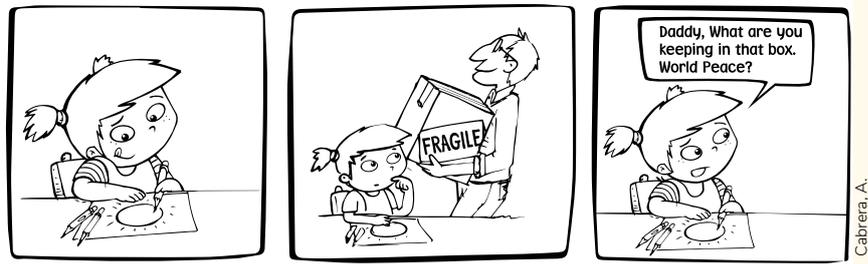
There are approximately 24 frames per second in a film and 12 cells per second in a cartoon?

Human eyes cannot see the space between each frame or cell?

Mafalda is an Argentinian cartoon character created by Quino in 1964. The stories of each **comic strip** are full of a girl's curiosity and innocence that makes adults **realize** their errors and become **aware** of the world's problems. She has also influenced the eating habits of children who read her stories.

Before the appearance of Mafalda on television, the comic strips were published in local newspapers until the cartoonist, Quino, stopped making the series.

1. Read the following comic strip. Then, answer the questions below.



2. What does this girl's innocence help adults realize?

3. Why do you think she thinks that world peace is in the box?

4. Challenge! With a partner, create a comic in your notebook. You can get some ideas from other comic strips like Mafalda or any other cartoon you like. Be as creative as possible.

Vocabulary

cartoon. a funny drawing, esp. in a magazine or newspaper

frame. one of the many individual pictures that form a TV or cinema film

cell. one of the squares in a comic strip

comic strip. a short series of funny drawings with a small amount of writing, often published in a newspaper

realize. understand a situation

aware. knowing that something exists

Oral Communication

Which people do not need a cell phone?

Buying Technology



Audio
Listen to the dialogue.

1. Juliana, a 15 year-old girl, is going to buy her first cellphone but she is not sure where to go and how to use it. Listen to a radio commercial and give Juliana some tips by completing the sentences.

You can buy a cell phone at (T.I.A.M) _____.

With your cell phone you can _____
your friends, take _____ and share
them with your _____.

If you like music, you can _____ some albums
from your favorite _____.

You can get _____ about the **weather**,
the _____ and fashion **trends**.

Tip

Try to take some notes while listening to the commercial.

2. Role play with a partner to give Juliana some information about a place to buy a cell phone, according to the listening. You can start like this:

- Student 1: Hi Juli, I heard you want to get a cell phone.
- Student 2: Hi (name)! Yes, I do. Why?
- Student 1: Well...

3. Teenagers have some **risks** and dangers when they use a cell phone. Think about some recommendations to give Juliana before she starts using her new cell phone. Discuss with your partner.

Value: Internet safety

Before using the internet or interacting on any social media website, it is very important to ask your parents for some guidance and authorization. There are dangers like fake identities and profiles, or you can be a victim of cyberbullying.

Vocabulary

stay tuned. to remain alert the listener

be right back. it is used to show a person that someone will return quickly

weather. the conditions in the air such as wind, rain or temperature

trend. to do or use something that other people copy

risk. the possibility that something negative could happen

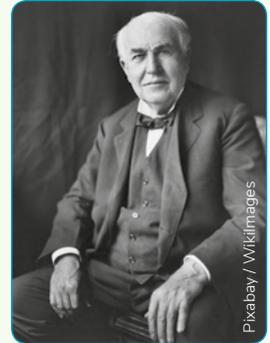
Communication and Cultural Awareness

What is the oldest sound recording device? How did your parents and grandparents listen to music?



Audiovisual Equipment

Thomas Alba Edison invented the first audio device in 1877. It was called the **phonograph**. It took 3 years after it was invented until the phonograph was released. At the time, the phonograph cost more than \$150. (It was not accessible for everyone). Since then, there have been **plenty of** audiovisual devices that are used not only to record basic sounds, but also to produce sounds, colors, etc. Thanks to advanced technologies, audiovisual equipment is present in everybody's lives.



1. In pairs, imagine you are a journalist in 1877. Write 3 questions that you would like to ask Thomas Alba Edison about his **brand new** phonograph. Then ask your partner and switch roles. You can start like this:

- Journalist: Good morning Mr. Edison! Thank you for coming!
- T.A.E.: Good morning! Thanks for the invitation!
- Journalist: I'd like to ask you a few questions...

- Journalist: _____
- T.A.E.: _____
- Journalist: _____
- T.A.E.: _____
- Journalist: _____
- T.A.E.: _____

2. Nowadays, there are some other audiovisual devices! Connect the image with the word that corresponds:

Vocabulary

phonograph. machine that played vinyl records to make sounds such as music

plenty of. informal way to say more than enough

brand new. something totally new

cordless. with no cord or wire

speaker. electronic device that projects sounds



speaker

projector

cordless microphone

professional camera

Oral Communication

What are some of the methods that people use to get information?

The Media

Media is important in everyday life because it informs, educates, and entertains. It influences people's opinion about the way we look at the world. We must be careful to find a trustworthy source of information.

1. To learn about the different types of media, listen to a mother and her child. Then, match the information below.

a. Printed media or the **press**

web sites, blogs

b. Broadcast media TV and radio

news shows, music shows

c. Internet

magazines, **newspapers**



Value: Internet safety

When surfing on the internet, you must be very careful to evaluate the information that you find. Analyze and consider everything when making decisions.

2. Listen to the conversation again and complete the chart.

Family member	Type of media	Source of preference	Reason to use it
			broadcast the most important news around the world and play beautiful music
grandpa		newspaper	
	internet		

3. In small groups, make a list of different sources of information with examples of the types of media that you know in Ecuador. Then, say which you prefer and why. Finally, discuss which source you consider trustworthy.

Vocabulary

media. radio, television, internet, etc.

press. magazines, newspapers, etc.

news. information about important events

newspaper. a large printed document containing news, articles, advertisements and images

broadcast. to spread information to lots of people

Language Through the Arts

In what ways can technology affect art?

Cyber Painting



FreePik

Technology has definitely affected art and the way artists work. On one hand, graphic design and **Photoshop** have expanded the creativity of artists, and the new techniques allow them to replace the traditional tools with interesting video software and digital colors. On the other hand, artists are forced to learn about all these technological **advances**, techniques and tools in order to **convey** their vision effectively through their artistic expressions and not all artists can or **are willing to** do it.

1. Which of the two images above represent the traditional tools mentioned in the reading? Write some examples.

- _____
- _____
- _____
- _____
- _____

2. Based on the reading above, complete the following chart with the impact of technology on art. Then compare your answers with a partner.

Positive impact:	Negative impact:
• _____	• _____
• _____	• _____
• _____	• _____
• _____	• _____
• _____	• _____

Vocabulary

Photoshop. computer program used to modify a picture or photograph

advance. improving progress/ development on something

convey. communicate something

be willing to. accept to do something

3. In your notebook, use your own words, give your artist friend some advice on how to use technology positively when doing his/her job. Do not limit your advice to the ideas from the reading. Think or investigate others and share your ideas with the class.

Reading

Do you know who Andy Warhol was? What are examples of Pop Art?



Pop Art

He is the artist that made Pop Art famous in the 60's with his **critiques** about society, commercial culture, movies, pop music, advertising and the media.



1. Read the letter Camila sent to Louis. With a partner, look for places in the sentences where you could possibly use time adverbs: **yet**, **already**, and **just**. (Hint: look for the word "have" in the letter.)

Grammar Tip

Remember!
the **present perfect tense** is used to talk about past actions with no specific time of the action.

The time adverb:

- **Just** (a very short time ago) is used in affirmative sentences only.
- **Yet** (until now) is used at the end of negative sentences.
- **Already** (earlier than expected) is used in affirmative and interrogative sentences.

Dear Louis,

I have read your letter and got so excited with the great news. I am really happy you have **made your dream come true**. An **art gallery** is what you have always wanted since high school. I hope I can go visit you soon and see for myself all the great ideas you have had to start your new business.

I have not asked you, have you contacted some artists already? I have a friend in your city who may be interested. She has worked as a graphic designer for a long time and her digital art has been shown in some famous galleries. Her art work has been influenced by Andy Warhol, the creator of Pop Art and it is amazing. I have not talked to her since last summer, but I can call her if you are interested. Let me know.

Well, I'll talk to you soon and congratulations on this new project!

Love,

Camila

Vocabulary

critique. a personal opinion about a specific theme

make your dream come true. to achieve something you really want

art gallery. a building where pieces of art are exhibited

2. Do you think it is a good idea for Louis to contact Camila's friend? Yes? No? Why? Discuss in small groups.
3. Besides Pop Art, what other modern art do you know about? Research some new ideas and share them with your class.

Writing

When was the last time you wrote someone a letter? How is writing a letter different from simply sending a message?

Writing a Letter

20 Rowland Street
Abdey Dale
AD16 4RG
July 24th, 2019

Dear Hanna,

Thank you for the lovely flowers you gave me for my birthday.
It was so kind of you. Roses are my favorite flowers.

Best wishes,

Maria

1. Order the following parts of a letter writing 1 to 6 in each circle. Then, look at the letter above and label each part on the lines provided.

- Body (the message to be transmitted)
- Signature (the writer's name or nick name)
- Address (street name, house or building number, city, etc.)
- Close (a **warm** phrase or phrases to say good bye)
- Date (day, month, and year)
- Greeting (**Dear** + name or relationship)

2. You are Camila's friend in the letter on the last page. Reply to Camila's letter including all the parts of a letter. Remember, Camila asked Louis if she should contact her friend Louis about the art gallery. That's what you are responding to.

Tip

Social writing includes birthday messages, congratulation cards, and friends' letters, among others. No matter who you are writing to (a close friend, **relative** or **colleague**), the idea is to transmit a message that communicates your **thoughts** clearly and in an appropriate order.

Vocabulary

relative. a member of your family

colleague. a person that works in the same place as you

thought. reflection, something you're thinking

warm. friendly and kind

dear. word used at the beginning of a letter to show kindness

Assessment

Grammar/Vocabulary

1 Complete the news article with the correct words from the box. You will not use them all.

- speaker cameras at available
 devices on microphones
 media letter painting

TECHNOLOGY

New Technological and Art Gallery in Town

The City Hall opens a new gallery _____ Saturday _____ 10 am. It will present some art pieces like cyber _____ and technological _____ for all ages. You can see great inventions like new cell phones with two professional _____, cordless _____ and projectors. The _____ will be there to take some pictures and film the event like Channel 3, El Comercio and Vision Radio Station. Free passes are _____ for everybody. Don't miss it!

2 Answer the following questions in complete sentences.

- What is the most interesting film you have watched?

- Have you read a book or story this year?

- What other cities in Ecuador have you traveled to?

- In what tense are these questions?

Listening

3 Listen to the radio commercial and match the words on the left and right to create phrases you hear in the audio.

- | | |
|-----------------|---------|
| Pop | the web |
| Modern Art | images |
| download/upload | Art |
| surf | School |

Reading

4 Read the comic strip and write T for the true information or F for the false one.



- The comic strip is between two friends.
- One person wants to go watch a film.
- The other person doesn't want to go.
- The film is going to be at the movies next week.

Writing

5 Write a short letter to a close friend or relative inviting her/him to your birthday party. Don't forget to include all the parts of a letter (address, date, greeting, body, close and signature). (40-50 words)

Speaking

6 Look at the following images, choose one or two and try to explain what they are, what you can do with those devices and what are the advantages or disadvantages of them.



Grammar/Vocabulary

- 1— Circle the correct words from the parentheses to complete the dialogue.

Mom: Have you (decided / made / chose) up your mind about the summer classes you want to take this year?

Son: Not (just / already / yet) mom. There are many options so I'm not sure. There are modern art classes at a (gallery / supermarket / press). There I can learn some (books / graphic / media) design and I (have / had / am) heard it is great!

Mom: That sounds interesting honey.

Son: I know but I have (take / took / taken) art lesson before. I want to try something different.

Mom: Why don't you try news (magazines / broadcasting / television)? The media offers radio, TV and newspaper techniques.

Son: Cool! Let me go (internet / web / online) to find some information about it.

Listening

- 2— Listen to the conversation and choose the correct answer.

- The conversation is between
 - a dad and a son.
 - a couple of friends.
 - a student and a teacher.
- They are talking about
 - a soccer championship.
 - a school problem.
 - a new app.
- The app that one of the teens uses works
 - only when there's internet.
 - without battery.
 - without internet.
- The other teen
 - is interested in using the app.
 - is not interested in using the app.
 - is not sure about the app.

Reading

- 3— Read the letter and answer the questions below.

70 Dunfield Avenue
Diana Prentice
M4S 3A4
July 4th, 2019

Dear aunt,

I'm so happy to receive your letter. Thanks for the wishes and the beautiful pictures sent.

I hope I can go visit you soon.

Lots of love,

Liz

- a. Who sent the letter?

- b. Who received the letter?

- c. What is the letter about?

- d. When was the letter sent?

Writing

- 4— In your notebook, write a 40-50 word letter to someone thanking them for something nice that they did.

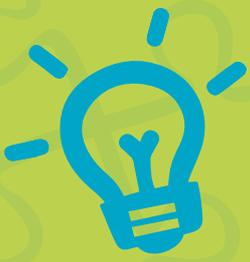
Speaking

- 5— Using the vocabulary learned in these lessons, talk about the new technologies you know and how useful you think they are in our daily lives.

I'm completing this self-evaluation based on what I learned in the module.

Self-evaluation

Topics	I check ✓ the box that most applies to me			
	I do it very well	I do it somewhat well	I can improve	I can't do it without help
I can speak about technology.				
I can read and understand information about digital media.				
I can write a letter with all the correct parts.				
I can use expressions to agree and disagree appropriately.				



Project 1

My App

Choose a partner to work with and create an interesting and **useful** app that helps people in some way.

You must:

1 Give it a name. 

2 Design the logo. 

3 Make a list of the characteristics, benefits or **functions**. 

4 Mention the devices where you can upload the app. 

5 Explain your project to the whole class.

Tip

Remember to be creative and original. Try to think of what people need so you can help them with your app.

You can use a **PowerPoint**, **Prezi** or (a) poster(s) for the presentation.

Good luck with your project!!!

Vocabulary

useful. helpful

function. the way that a device works

PowerPoint. the name of a computer program that helps to create electronic presentations

Prezi. another computer program that can be used such as PowerPoint



Let's review!

Vocabulary

1— What do you know about technology? Look at the first page of this module and below write some historic facts about technology in the 50's, 60's, 70's and 80's. Then, imagine a new technological invention of the future. There is an example given to you.

- 1956: _____

- 1960: _____

- 1978: *First spam email* _____

- 1980: _____

- 2012: _____

- 2020: _____

- 2050: _____

Grammar

2— Present perfect tense. Using the chart below, write three questions asking someone about their past events. There is an example given to you. When you finish, ask your partner the questions. You must use complete sentences in the answers.

Grammar Tip

Remember!

When using the present perfect tense for past actions, no specific time is given.

WH-word (what, where, when, who, how...)	have has	I you we they she he it	verb in past participle	(complement)	?
---	-----------------	---	-------------------------------	--------------	---

Examples: *Where have you traveled on vacation?*
I have traveled to the beach, to the mountains, to visit my family in Patate, etc.../ What books have you read? I've read...

- _____

- _____

- _____

Reading

3— Read the following text and answer the questions below.

The film industry has benefited from technological advances. For instance, new movies use special effects that look so real that sometimes it is impossible to know when some people, animals or objects are real or just a digital image. The movies now have some 3D and even 4D screens that make us believe we are part of the scene. In some of them, there are also comfortable reclining arm chairs where you can practically lie down and relax as if you were at home. These are only some of the examples of how digital life has transformed the film industry.

4— Mention the three examples of the technological advances related to the film industry.

- _____
- _____
- _____

5— Has the media also been affected (positively or negatively) from the new technological advances? Why? Why not? How?

- _____
- _____
- _____

Communication and Cultural Awareness

What activities do you enjoy doing in your free time?



Free Time Activities

People do many different things when they have free time. They listen to music, record videos, download music, read books, watch TV, go to the movies, chat with their friends, etc. If there is **enough** money, there are more possibilities. So, if you have free time, what do you do?

1. Read the text above and notice the tense used in each sentence. What tense is it? When do we use it? _____

When you express a general condition and the result of that condition, you use:

If + present tense (condition) , present tense (result).

i.e. *If I am tired, I sleep.*

The position of the clauses does not change the meaning.

i.e. *I sleep if I am tired.*

Do **not** use a **comma** to separate the two clauses if the result clause is first as in the last example.

2. Match the following activities with the right pair.

a. YouTubers are famous

they ask their teacher

b. If you want to listen to music,

you turn on the radio or your cellphone

c. I call my best friend

if they have lots of **subscribers**

d. If students don't understand,

if I feel sad

3. Now rewrite and connect the pair of clauses. Use a blue pen for the condition and a red pen for the result. Don't forget to use correct punctuation.

- ① _____
- ② _____
- ③ _____
- ④ _____

Vocabulary

enough. amount or quantity needed

subscriber. someone who supports or uses a service regularly

Oral Communication

Give examples of how technology helps us and makes our lives easier?

Technology to Improve Life



Freepik

1. Listen to a TV show documentary about technology. Write down some of the important words that you hear. Then, look for and circle the important words in the word search below.

C	O	M	M	U	N	I	C	A	T	E	E
P	R	E	V	E	N	T	Q	Z	R	Y	R
U	H	D	H	E	L	P	M	H	U	S	F
T	G	I	P	R	O	T	E	C	T	A	S
W	J	C	M	L	C	N	F	U	N	V	B
U	J	A	C	O	A	E	F	A	H	E	G
A	L	L	R	H	R	E	H	K	R	O	V
E	Z	Z	O	L	E	A	R	N	A	X	F



Audio
Listen to a TV show.

Value: Environmental and health care

If we want to live a healthy and safe life, we must prevent accidents and health complications.

2. Listen to the documentary again and match the pairs to find the different ways of using technology.

- | | | |
|------------|-----------------------|-------------|
| a. have | <input type="radio"/> | the planet |
| b. save | <input type="radio"/> | tools |
| c. prevent | <input type="radio"/> | fun |
| d. protect | <input type="radio"/> | the elderly |
| e. help | <input type="radio"/> | alarms |
| f. medical | <input type="radio"/> | lives |
| g. car | <input type="radio"/> | damage |

3. With a partner, think of other ways to use technology in today's world. Then, discuss how they help us **improve** life. Challenge! Draw one or two of your ideas.



Vocabulary

improve. to make something become better

prevent. stop something from happening

tool. an implement to make or repair something

checkup. an examination

surgery. medical operation

highway. a main road for traveling between cities

Reading

Is all technology environmentally friendly?

Environmental Technology

Value: Environmental and health care

Protecting our planet is everybody's responsibility. We can start by applying RRR: recycling, reusing and reducing our own waste.

Grammar Tip

When the result of a condition is possible in the present or future, we use the future tense (*will, can, may, might*). Look at the first conditional in the example below
If + present simple (*will, may, can, might*) + infinitive
If it is sunny, I may go to the park. I may go to the park if it's sunny.

Most people think that our world and its environment is being destroyed by the technological devices that generate lots of **waste** and pollution. However, environmental technology is actually helping us in so many different ways. Not only our planet, the Earth itself, but the animals and all **living** beings benefit from it. An example is the paper waste reduction because of the use of memory drives or **virtual clouds** to keep documents, books and photographs. Another example is the clean **renewable** energy obtained from the wind and the sun that replaces **fossil fuels**. In agriculture, the robotic farming permits us to monitor the fields and **livestock** efficiently.

1. Read the text above and find the correct information to label the pictures.



Freepik



2. Think of the possible results of using environmental technology from the text and complete the sentences below. Example:

- If we save water, we will/can/may have enough for the future generations.
(condition) (result)
- If we use more e-books and virtual clouds, _____
- If smart buildings control the electrical system of the rooms, _____

3. What will/can/may happen if we continue wasting the Earth's natural sources?

With a partner, answer the question above in complete sentences in your notebook. Write at least three sentences.



Vocabulary

waste. unnecessarily use

living. having life

virtual cloud. digital storage of information

renewable. something that can be re-produced

fossil fuel. gas, oil, etc. produced from nature

livestock. different types of animals that are retained on farms, for example sheep

Writing



Social Studies

What are some things I can do to take care of the planet?

If We All Care...

There are so many things we can do to help the planet, nature, and its living beings.

- From the two charts of words given, make one list of actions we can do and another list with the possible pairs as in the example. There can be more than one possibility for each action.

recycle reduce ~~fix~~ respect
waste control reuse
separate

habitats electricity
garbage waste plastic
~~water leaks~~ paper



Actions (verbs)	Objects (nouns)
• fix _____	• water leaks _____
• _____	• _____
• _____	• _____
• _____	• _____
• _____	• _____
• _____	• _____
• _____	• _____

- Using the pairs of words from exercise 1, write complete conditional sentences:

If + present tense (condition), future tense (result).

There is an example for you. Example:

- If we fix water leaks in our homes, we can save water and money.
- _____
- _____
- _____
- _____
- _____
- _____

- With a partner, think about other ways to help the Earth. Try to use a few words from exercise 1 and also create your own ideas too. Example: At home, we can turn off the lights if we are not in the room.

Vocabulary

habitat. the place where something or someone lives

leak. water or air escaping from where it should be. For example water from a pipe, or air from a tire.

Language Through the Arts

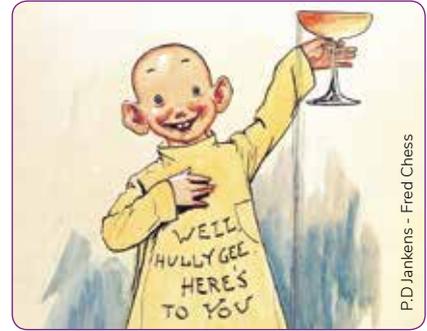


When did it start?

Graphic Narrative



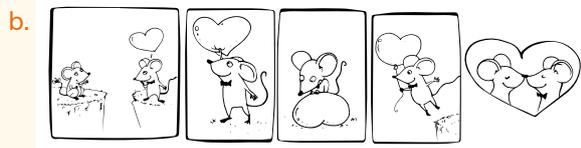
Did you know that comic strips began around 1865 in Germany and the first one to appear in a newspaper was in the United States of America? Its name was *The Yellow Kid* and it was published every Sunday in a supplement of the *Hearst New York America* paper in 1896.



1. Look at the following comic strips. Match them with their topics.



Love



Sports
 Danger



A Pet's Friend

2. Think about comic strips that you have seen and read. Where are they published? Discuss with a partner.

3. Write a short and funny dialogue for this comic strip, give names to the characters and think of an original name for the comic strip. When you finish, compare with a partner.

Vocabulary

appear. to start, to exist

publish. to put in a book or newspaper and release for the public

supplement. additional part of newspaper or magazine

paper. newspaper



Communication and Cultural Awareness

What are some cartoons that you have enjoyed watching? Do you still watch cartoons?

Value: Honesty and responsibility

Some films, cartoons, and comic strips are responsible and they transmit different values and positive messages to the viewers and readers. They teach about tolerance, respecting diversity, rejection of injustice, bullying or peer-pressure, and solidarity. Practice these values every day to be part of a peaceful world.

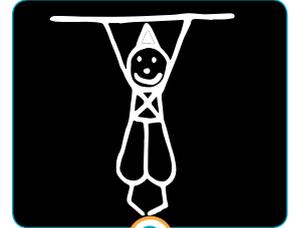
Cartoon Making



1



2



3

Pixabay / Cabrera, A.

Did you know that the first animated cartoon, *Fantasmagorie*, was a black-and-white short film? It was made in 1908 by a French artist called Emile Cohl.



Walt Disney, the most famous cartoonist who created Mickey Mouse, failed many times before becoming so popular.



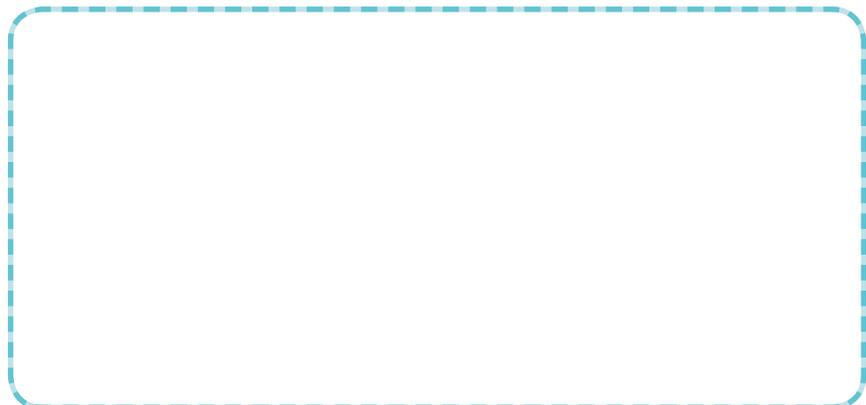
Danny Elfman created *The Simpsons* in only a couple of days.



1. Read the text and match the images with the corresponding facts by writing the correct number in the circles provided.
2. Think and write a couple of examples of films, cartoons or comic strips where you can find a positive message. Then, share them with a partner and tell him/her why you like them and what you have learned from them.

Film/Cartoon/Comic Strip	Message or Value

3. Challenge! Draw a scene or character from one of your examples in exercise 2.



Vocabulary

fail. unsuccessful

values. principles and beliefs about what is wrong or right

viewers. public or people who are watching

rejection. refusing to approve something

peer-pressure. the influence of a group of people

Oral Communication



Social Studies

What are some digital tools that you use?

Technology in Education



1. Listen to some technology news and write **True(T)** or **False(F)** next to each statement. Then, correct the false information on the lines provided.

a. Technology has transformed education inside the classroom.

b. The critics say that there are more advantages than disadvantages.

c. Students do not **get engaged** or motivated when using **gadgets** to do homework or study.

d. Teachers can also benefit from technology.

2. With a partner, think of a couple of examples of technological support used in education for both, students and teachers. Example:

The use of computers to do research in labs permits students to...

3. What are the advantages and disadvantages of the examples given in exercise 2. Write them down.

Technology	<ul style="list-style-type: none">• _____• _____
Advantages	<ul style="list-style-type: none">• _____• _____
Disadvantages	<ul style="list-style-type: none">• _____• _____



Audio

Listen to the dialogue.



Vocabulary

get engaged. being involved in something

gadget. device to use to get something done

Reading



Language and Literature

What are some of the ways that you communicate with friends?



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Grammar Tip

When writing sentences in **present perfect** (Subject + have/has + past participle + complement.), you can use the adverbs:

- **Just** for an action that happened recently
- **Yet** for negative and interrogative sentences.
- **Already** for actions occurred before the time expected.

Catching up with a Friend

1. Read the letter and circle all the sentences in present perfect.

Barkley Line 433
Seattle
October 31st, 2019

Dear Carlo,

I've called you many times this week so we could catch up with some news. I imagine you've been out of town **lately** so I decided to write you a letter instead.

Remember the digital technology class I wanted to take last year? Well, I've _____ started it and I love it. About my job, I have _____ gotten a **promotion**. I'm so excited about it even when it has not been really easy. Ah! I haven't fixed my computer _____ so I'm just using my cellphone and regular mail to contact everyone.

Well, I have to say goodbye now. I hope to hear from you **soon**.

Love,
Kaley

2. Complete the blanks in the letter above with the words **just**, **yet** and **already**. Then, read it all again.
3. Match the parts of a letter with the examples in exercise 1.

a. Body

Love,

b. Signature

October 31st, 2019

c. Address

I've called you many times this week so we could...

d. Close

Kaley

e. Date

Dear Carlo,

f. Greeting

Barkley Line 433, Seattle

Vocabulary

lately. recently

promotion. getting a better position on your job

soon. quickly, in the near future

Writing



Language and Literature

Dear friend...

I'll See You Soon

1. Make a list of some interesting or important things you have done in the last few months.

1

2

3

4

2. Write a letter to a friend that has been out of town for a few months that you want to catch up with. Use the ideas from exercise 1. You must include some sentences in present perfect and the adverbs **just**, **yet** and **already** at least **once**. See the letter examples on earlier pages.

Address

Date

Greeting

Body

Close

Signature



Vocabulary

once. one single time

Language Through the Arts



Have you heard Jessie J.?

I'm in Love with Technology

1. Read a song by the singer Jessie J. Have you heard it? What is the topic of the song? Try to guess what the name of the song is.



Freepik, Pixabay / Werner Moser

Grammar Tip

When using the **present perfect** tense, *'ve* is the contraction of *have*, and *'s* is the contraction of *has*.
i.e.
I've called you. = I *have* called you.
She's called me. = She *has* called me.

I've left you, twenty missed calls
Six messages, your **voice mail's** full
I call you back, call you back later
Something in my brain pulls at my heart
Dialing your number the ringing starts
You say hello baby I'll **call** you **back** later
A text feels like I've kissed you
A phone call's like you're here
When neither one, I'm like being in love, no
Nowhere near
A voice mail is like I've seen you
A message is like we've touched
But a comment on my web page baby
It's not enough

Chorus

Cause I feel like I'm in love with technology
Looking at the computer **screen**
Baby what do you mean to me?
Was this even real?



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2. Circle all the sentences in present perfect from the song.
3. Make a list of the terms related to technology from the song Technology and use them in a complete sentence.
Example:

- *Missed calls* *My mom's received some missed calls today.*
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Vocabulary

voice mail. cellphone system that records a voice message

dial. press a cellphone's numbers to call someone

call back. to return the call

screen. the flat part of a device with the images you look at cellphones, TV, etc.

Oral Communication

How can we improve our school?

Tech for Our School

1. Write at least two examples that you know in each category.

Digital Devices	Audiovisual Equipment	Apps & Computer Programs
a tablet	a web cam	



2. Think of how the school or the students can benefit from each of the examples given in exercise 1 and write some conditional sentences. See the example.

- *If the school has computers, the students can learn some computer programs.*
- _____
- _____
- _____
- _____
- _____

Value: Democracy

An important part of democracy is including the opinions of everyone in decision making. At schools, while the final decisions will be made by authorities, students have the right to express ideas and give suggestions that will benefit everyone in the school community.

Tip

When trying to express your personal point of view, you can use expressions like:
I have seen/noticed/observed that..., In my experience,..., Personally, I think..., I'm sure/certain/convinced that...

3. Now, imagine you have the opportunity to talk to the school authorities and explain the importance of technology in education. You can use some of the ideas in exercise 2. Practice with a classmate.

Vocabulary

web cam. a camera that records and transmits images through the internet

certain. to be sure

Assessment

Grammar/Vocabulary

1 Use words from the box to complete the text, make any changes to the verbs if necessary.

computer

made

digital

be

internet

have

communicate

learn

Technology _____ changed the world and the way people live. There _____ lots of electronic and _____ devices that make our lives easier. Thanks to the _____, we can _____ in just a few seconds with people on the other side of the world. E-books and new _____ programs have helped us _____ things and have _____ education more interesting.

Reading

2 Read the following news and then answer the questions below.

Local agriculturists are changing the way they plant, grow and harvest their products. They have bought some new machines that control and manipulate their crops. In addition, their livestock is also being handled differently. When cows are being milked, they are monitored with wireless equipment that prevent their calves from suffering from anxiety. However, they say all these new implementations are very expensive and they hope to improve their business and increase their sales too.

- a. What has been changed for local agriculturists?

- b. What did they buy to make those changes?

- c. What's the benefit of monitoring a cow while it is being milked?

d. What are the agriculturists' expectations after implementing this technology?

Listening

3 Listen to the conversation of a couple of friends talking about environmental technology. Then, write T for true or F for false next to the statements below and write the correct information when false.

- a. One of the friends has been busy because he's too friendly.
- b. His friend is interested in hearing about the project.
- c. They have to use an environmentally friendly method to generate water.
- d. He's using recycled material for the science project.

Writing

4 Write a conversation between two friends who are playing a trivia game about technology. Use the expressions learned in the Tip charts of this module. i.e. Expressing a suggestion, confirming information, taking turns, expressing doubt, etc.

- A: _____

- B: _____

- A: _____

- B: _____

- A: _____

- B: _____

Writing

1— Make a list of three different technological terms learned in this module and use them to make conditional sentences as in the example. Example:

- app

If I want to find a new address, I check an app for directions.

- _____

- _____

- _____

Listening

2— Listen to some film reviews and then answer the questions below.

- What is the name of the film review program?

- When was *Casablanca* filmed?

- What is the story of the film *The Godfather* based on?

- What is the last movie mentioned in this audio?

Writing

3— Write in your notebook a short letter to a friend telling him/her what you have done this month. Don't forget to include all the parts of a letter.

Reading

4— Read the following text and circle the correct information from the words in blue of the statements below.

Living a Digital Lifestyle

There are different ways to use technology such as to play video games, get informed, work or study. Many people have digital cameras and audiovisual devices such as MP3 players, iPods or tablets. However, not everybody knows that those devices can work better and make it easier for us to enjoy their functions and benefits just by learning more about them. When you know how to use them effectively, it will not only make your life easier, but also will reduce the stress of needing to get more unnecessary gadgets.

- There are very **few** / **some** / **no** ways to use technology.
- MP3s, iPods and tablets are **digital cameras** / **robotic farming** / **audiovisual devices**.
- We need to **learn** / **buy** / **inform** all their functions and benefits.
- When we use technology effectively, we **get** / **reduce** / **need** some stress.

Speaking

5— Look at the pictures and talk about how technology benefits the environment. You can use other examples if necessary.

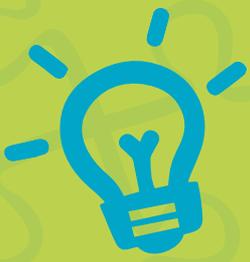


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I'm completing this self-evaluation based on what I learned in the module.

Self-evaluation

Topics	I check ✓ the box that most applies to me			
	I do it very well	I do it somewhat well	I can improve	I can't do it without help
I can talk about technology and digital lifestyles.				
I can use the present perfect to talk about past events.				
I know how to make conditional sentences for generalities and future possibilities.				
I can write a short letter with all its parts to catch up with someone using yet, already and just.				



Project 2

My Planet, My Home

Tip

Don't forget to do your research in English and using the internet safely and constructively.

In small groups, make a poster to be **displayed** in your school or classroom that teaches the importance of protecting and saving our planet and an example of environmentally friendly technology to support your ideas. To do so, follow the steps.



Vocabulary

display. to show something for people to see