Intermediate

GLOBAL GATE

- Video-based Four Skills Training -

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Web 動画・音声ファイルのストリーミング再生について

CD マーク及び Web 動画マークがある箇所は、PC、スマートフォン、タブレット端末において、無料でストリーミング再生することができます。 下記 URL よりご利用ください。 再生手順や動作環境などは本書巻末の「Web 動画のご案内」をご覧ください。

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音声ファイルのダウンロードについて

CD マークがある箇所は、ダウンロードすることも可能です。 下記 URL の書籍 詳細ページにあるダウンロードアイコンをクリックしてください。

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Global Gate Intermediate

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LEARNING OVERVIEW



In this unit, you will learn to ...

An overview of the unit helps students focus on learning outcomes.

Warming Up

Activates students' background knowledge of the topic.

Watching

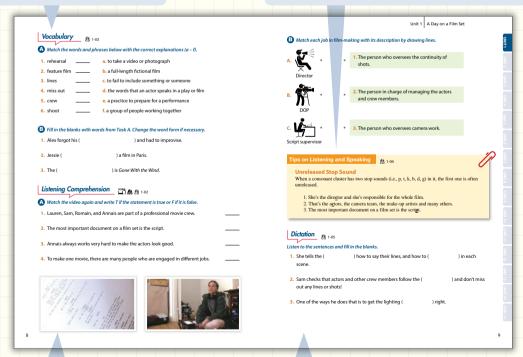
Presents a video for students to watch and recognize key words or phrases.

Vocabulary

Teaches the definitions and usage of topic-related words or phrases.

Tips on Listening and Speaking

Presents useful information for listening and speaking.



Listening Comprehension

Presents various review questions for students to check comprehension.

Dictation

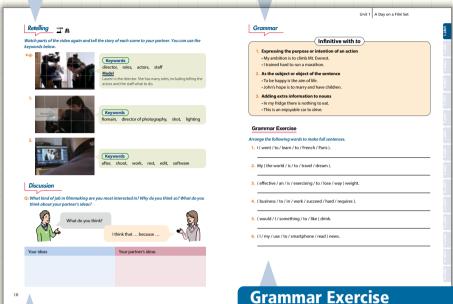
Teaches sound features related to Tips on Listening and Speaking as well as content words from the video.

Retelling

Presents parts of the video for students to watch and retell in their own words.

Grammar

Presents a thorough explanation of the grammar point of the unit.



Discussion

Presents a topic-related question to enhance students' critical thinking skills.

Enhances students' grammar ability through a word-order exercise.

Vocabulary Check

Teaches useful vocabulary from the Reading.

Reading

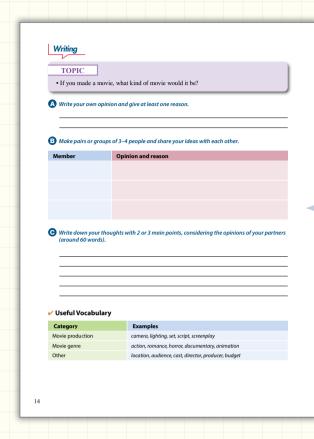
Features an interesting article related to the topic of the video.



Reading Comprehension

Presents open-ended questions for students to check comprehension.

LEARNING OVERVIEW



Writing

Presents step-by-step exercises to aid output of students' ideas or opinions.

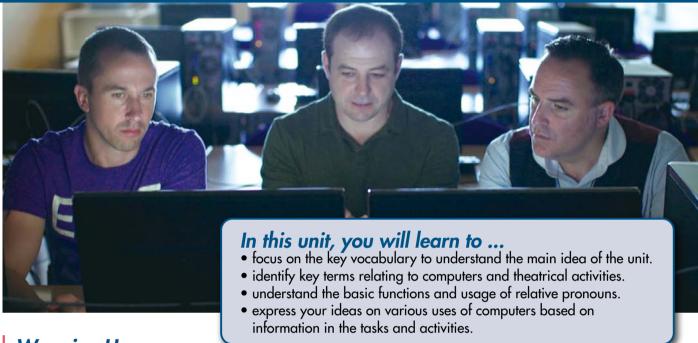
Useful Expressions for Discussions

Presents useful expressions for each discussion exercise.

Useful Expressions for Discussions Starting a discussion Could you tell me ...? ☐Today, we are going to discuss ... Could I have your opinion? ☐Today's topic is .. Let's begin with .. Agreeing ☐I think so, too. Giving your opinion ☐ I totally agree ☐I think that ... because ☐ I agree with you ☐ In my opinion, ... ☐That's a good point. ☐ I personally feel . ☐I see what you mean. As far as I am concerned, ... ☐That is exactly what I think. ☐ I'm not sure, but perhaps ... ☐I strongly believe that ... ☐That makes sense. ☐There's no doubt in my mind that ... Partially agreeing Reacting Yes, perhaps, but ... □I see. ☐That may be true, but .. ☐ Really? ☐ I suppose so. However, ... ☐That's interesting. You're right to a certain extent, but .. ☐ Is that right? ☐ Hmm ..., it depends. ☐ I didn't know that. Go on, please. Disagreeing ☐I don't think so. Asking for an opinion ☐ I disagree with you. ☐What do you think? ☐ I am afraid that is not quite true. □What's your view? I'm sorry I really can't accept your idea. ☐ Do you agree? ☐ I take a different view. ☐ How about you? Actually, I think ... 129

UNIT

Can a Computer Write a Musical?



Warming Up

hoose your own answers to the following	g questions. Then ask your partner the ques	itions.
1. Which devices do you usually use?		
☐ Smartphone	☐ Laptop PC	
□Tablet	☐ Other ()
2. For what purposes do you use the ab	ove devices?	
☐ Browsing the Internet	Watching movies	
☐ Communicating with friends	☐ Other ()
3. What kind of movies or musicals do y	ou prefer?	
☐ Fantasy	☐ Comedy	
☐ Romance	☐ Other ()
Watching WEBBB & 2-06		

Watch the video and take some notes on what you see and hear. Then, talk about your notes and the topic of the video with your partner.

musicals

Vocal	bulary	2-07				
A Mato	ch the wor	ds below w	ith the correct ex	xplanations (a – f).	
1. thea	ter _		a. a group or la	orge gathering of	people who watch a perform	nance
2. audi	ence _		b. an attempt t	o see if somethir	ng new or different works wel	I
3. expe	eriment _		c. extremely go	ood or impressive	•	
4. tune			d. a building o	r place where pla	ys and shows are performed	
5. fabu	lous _		e. a series of m memorable	usical tones that	are usually attractive and	
6. prov	re _		f. to show that examples, etc	•	e or viable by providing evide	ence,
B Fill in	n the blank	cs with word	ds from Task A. (Change the word	form if necessary.	
1. The l	kids were	playing a po	opular () on the old piano.	
2. We e	encourage	() participation d	uring our show.	
3. The cars.		explained E	Brazil's unique () with alcohol-power	ed
Listen	ing Con	nprehens		2-06		
A Wate	ch the vide	o again an	d write T if the st	tatement is true o	or F if it is false.	
1. Their	r project w	as not the	first computer-g	generated musica	ıl	

2. People love stories with adventures, mysteries, and a happy ending.	
3. Alex and James are performers in West End theater shows.	
4. Nathan considered the possibility that the musical would fail.	

B Which number is the right combination of the characters and what they do? Circle the correct number.

		Characters	What they do
1 Benjamin and Nathan create lyrics		create lyrics	
	2	Nathan and Neil	collect data
	3	Benjamin and Nathan	decide the story
	4	Benjamin and Luke	create music

Tips on Listening and Speaking



Linking Consonant to Vowel

When a word ends with a consonant and the next word begins with a vowel, these two sounds are linked.

- 1. Each show is made by talented teams who work together to create enjoyable songs, exciting music and an unforgettable story.
- 2. Every decision we make needs to come back to the sets of data that got us there in the first place.
- 3. Every **time I run it**, we get **back a** totally different tune.

Dictation



Listen to the sentences and fill in the blanks.

- 1. Benjamin and Nathan go to a university) find out what computers think makes a good story.
- 2. Benjamin and Nick must continue searching through the computer's music to find some that is () () () use.



3. Computers	might not () () () write every West End
show, but th	nis experiment p	roves that with () () imagination —
and () () () hard work —	- anything is possible.





Watch parts of the video again and tell the story of each scene to your partner. You can use the keywords below.

e.g.



Keywords

have created, musicals, years, starting, computer, whether, can, also

Model

Benjamin, Nathan, Neil, and Luke have created musicals and been successful for years. They are trying to find out whether a computer can also create a good musical.

1.



Keywords

data, audiences, favorite, challenges, love, happy ending

2.



Keywords

software, writes, single letters

Discussion

Q: Do you agree that computers can create impressive musicals? Why do you think so? What do you think about your partner's ideas?



In my opinion, ...

I (dis)agree with you.



Your ideas

Your partner's ideas

Grammar

Relative Pronouns

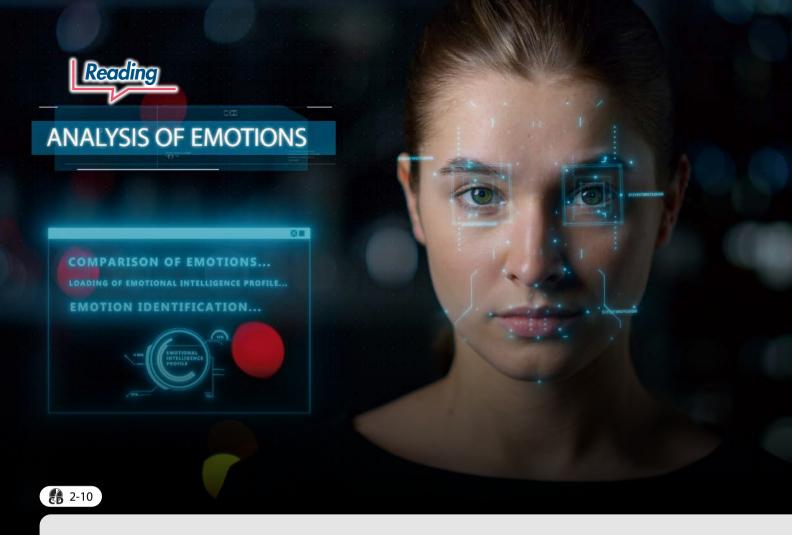
Relative clauses can begin with the pronouns who, that, which, or whose.

- 1. Who can be used only with people.
 - I have a friend **who** can speak five languages.
 - I know someone **who** is an expert at fixing computer problems.
- 2. That is mostly used for things but can also refer to people.
 - The producers of the show used a program that can write music.
 - I have a friend *that* can speak five languages.
- 3. Which is only used for things, never for people.
 - The producers of the show used a program which can write music.
 - I usually eat lunch at a restaurant which serves vegetarian food.
- 4. Whose is used when referring to possession.
 - That's the girl **whose** father is a famous actor.
 - I'd like to find the person **whose** car is blocking my driveway.

Grammar Exercise

Arrange the words to make full sentences.

- 1. The bread (bought / I / delicious / yesterday / was / that).
- 2. She is (a woman / well-known / achievements / are / whose).
- 3. The person (I/old/met/was/an/who/classmate).
- 4. The bus (that / I / minutes / every / took / runs / 30).
- 5. (is / whose / he / a writer / sold / books / have) incredibly well.
- 6. I met (someone / Chinese / that / speak / can / fluent).



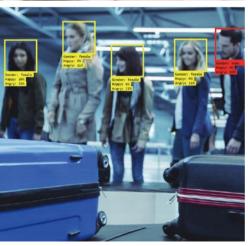
One of the most common everyday uses of AI is voice detection. This feature allows digital assistants such as Apple's Siri or Amazon's Alexa to understand instructions and react accordingly by answering questions, composing messages, or setting reminders. But as a result of recent technological advances, there is evidence that AI can understand not only our speech but also our emotions. It does this by analyzing the subtle changes in facial expressions that indicate how we are feeling.

This is known as emotion recognition technology, or ERT, and its uses are growing. One obvious field of application is market research, as it enables companies to test people's reactions to things such as a new breakfast cereal or to the content of a movie. Other uses, however, are more controversial. These include its growing use in job interviews, in which it can scan interviewees' faces to identify reactions or personal characteristics. This is often done without the interviewees' knowledge or consent. It can also be applied for security purposes, especially at airports, to detect signs of dishonesty or nervousness.

One important criticism of the technology is that the basic theory may not be fully supported by scientific evidence. The theory of "basic emotions" maintains that human beings across the world express emotions in the same way regardless of their cultural background. Recent research in anthropology, however, has shown that this is not necessarily true. Even though ERT appears to be a major breakthrough, more research is needed before its results can be completely trusted.









Vocabulary Check

Fill in the blank with words from the word box below. Change the word form if necessary.

- 1. Yesterday, Tom () the data in order to find a solution to the problem.
- 2. The () new tax has made many people angry.
- 3. I need my parents' () to take part in the overseas study program.
-) of the **4.** The event on Sunday will go ahead (weather.
- **5.** The scientists won an award for their () in genetic technology.

consent analyze regardless breakthrough controversial

Reading Comprehension

Answer the following questions.

 How can Al detect 	: people's emotions?
---------------------------------------	----------------------

- 2. In what ways are some companies using emotion recognition technology?
- 3. What has recent research in anthropology shown?



TOPIC

• What kind of jobs will AI never replace?

A	Write your own opinion and give at least one reason.

B Make pairs or groups of 3–4 people and share your ideas with each other.

Member	Opinion and reason

0	Write down your thoughts with 2 or 3 main points, considering the opinions of your partners (around 60 words).		

✓ Useful Vocabulary

Category	Examples
Jobs	translator, copywriter, computer programmer, accountant
Types of work	manual labor, design, creative writing, data analysis
Other	creativity, design, feedback, interaction, strength, weakness