

Artificial Intelligence

Today, we are going to talk about artificial intelligence. It is supposedly the future.

Artificial intelligence, or AI, is intelligence displayed by machines created by man. One could say that artificial intelligence is a way of making a computer-controlled robot, a computer, or software, think intelligently, in a similar manner to how humans think.

Certainly, AI is leading to workers' jobs being replaced by robots. However, in order to do all this, it will need even more IT programmers.

So what will happen to all the people whose jobs are lost to robotic machines? Simple – they will retrain to do something different – just like all the women did, who were shorthand secretaries in the 1980s, or the workers in car plants, who were on the production line, whose work was suddenly replaced by robots doing the jobs of the employees.

AI will be used more and more. It will change the face of how we all do things. Examples include: farming – picking apples, tending crops; drones - delivery; office work - accounting and banking; healthcare - doctors and nurses; the retail industry – pricing and ordering; transport – shipping and delivery; and in the home, television and social media will transform.

Right now, we are seeing the introduction of driverless cars and buses that use AI. People are beginning to use Amazon Echo. Some of us are now talking to Alexa, a cloud-based speech recognition system software from Amazon. However, in time, this might kill different regional accents, and make us all speak the same.

Elon Musk and Bill Gates, along with several other billionaires, have backed OpenAI, an organisation dedicated to developing AI. They want it to benefit humanity, rather than destroy the world, which is a negative side of AI that Musk and Gates have warned about.

SPEAKING – WARM UP

Think of three things you know about artificial intelligence. Go round the room swapping details with others.

LISTENING – WRITING - DICTATION

The teacher will read some lines of the article slowly to the class.

READING

Students should now read the article aloud, swapping readers every paragraph.

SPEAKING - UNDERSTANDING

1) The article – Students check any unknown vocabulary or phrases with the teacher.

2) The article - Students should look through the article with the teacher.

- 1) What is the article about?
- 2) What do you think about the article?
- 3) Was this an easy or difficult article to understand?
- 4) Was this a boring or interesting article?
- 5) Discuss the article.

3) Article quiz - Students quiz each other in pairs. Score a point for each correct answer. Score half a point each time you have to look at the article for help. See who can get the highest score!

Student A questions

- 1) What is AI?
- 2) What is software?
- 3) What is an IT programmer?
- 4) What is shorthand?
- 5) Who might need to retrain?

Student B questions

- 1) What is Amazon?
- 2) What is Amazon Echo?
- 3) Who is Bill Gates and Elon Musk?
- 4) What is a billionaire?
- 5) What is OpenAI?

WRITING / SPEAKING

In pairs - On the board write as many words as you can about '**Artificial Intelligence**'. *One-two minutes*. Compare with other teams. Using your words compile a short dialogue together.

WRITING / SPEAKING

In pairs - Think of three great examples of artificial intelligence. Discuss together.

- 1) _____
- 2) _____
- 3) _____

SPEAKING - THINKING

In pairs - Think of three advantages and three disadvantages of artificial intelligence. Discuss together.

SPEAKING – RADIO INTERVIEW

In pairs - *Student A* is a computer programmer. *Student B* is a journalist. *Student B* is interviewing *Student A* about artificial intelligence. (Imagine!) *3 mins*.

SPEAKING – PRESENTATION

In pairs - Prepare a one minute presentation on artificial intelligence to give to the class. *3-5 mins prep. 5-10 mins*.

SPEAKING – A-Z

As a class - The A-Z of artificial intelligence.

DISCUSSION

Student A questions

- 1) What do you think about what you've read?
- 2) Do you use artificial intelligence?
- 3) Do you use a computer at school or in your job? Explain how often and why?
- 4) Is AI the future?
- 5) What do you think of the Amazon tool Alexa?
- 6) What do you think of Elon Musk?
- 7) Will AI destroy the world?
- 8) What do you think of Amazon?
- 9) Does anyone still do shorthand?
- 10) Will a robot replace a teacher?

SPEAKING – ROLEPLAY 1

In groups. One of you is the interviewer. The others are one of the following people. You are in the *Discussion FM* radio studio in London. Today's interview is about: *Artificial Intelligence*.

- 1) Elon Musk/Bill Gates.
- 2) A (former) car production worker.
- 3) An IT programmer.
- 4) A former shorthand secretary.

The teacher will choose some groups to roleplay their interview in front of the class.

SPEAKING – GAME 1

In a circle as a class - "AI can (also) be used in...for...to..." Explain, then move onto the next person. *3 mins*.

SPEAKING – GAME 2

In a circle as a class - "The first AI gadget I bought was..." Briefly talk about it, then go onto the next person. *3 mins*.

SPEAKING - DISCUSSION

Allow 5-10 minutes - As a class.

<p style="text-align: center;">Artificial Intelligence Discuss together Include some examples that are used in your own country</p>
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The teacher can moderate the session.

DISCUSSION

Student B questions

- 1) Did the headline make you want to read the article?
- 2) Will robots really replace many jobs?
- 3) Will a drone deliver your takeaway or parcels?
- 4) Will a robot pick the apple, orange, or tomato you eat?
- 5) Will a robot replace your doctor?
- 6) Will we all use driverless cars?
- 7) Will regional accents die out and be replaced by an Alexa sounding person with an American accent?
- 8) What other AI systems are there to rival Amazon Echo?
- 9) How will social media evolve using AI?
- 10) Did you like this discussion?

GAP FILL: READING

Artificial Intelligence

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So what will happen to all the people whose jobs are lost to (5)__ machines? Simple – they will (6)__ to do something different – just like all the women did, who were (7)__ secretaries in the 1980s, or the workers in car plants, who were on the production line, whose work was suddenly replaced by (8)__ doing the jobs of the employees.

robotic / intelligence / robots / programmers / artificial / shorthand / retrain / AI

AI will be used more and more. It will change the face of how we all do things. Examples include: farming – picking apples, tending (1)__; drones - delivery; office work - accounting and banking; (2)__ - doctors and nurses; the retail industry – pricing and ordering; transport – shipping and delivery; and in the home, television and social media will transform.

Right now, we are seeing the introduction of (3)__ cars and buses that use AI. People are beginning to use Amazon Echo. Some of us are now talking to Alexa, a (4)__ speech (5)__ system software from Amazon. However, in time, this might kill different (6)__ (7)__, and make us all speak the same.

Elon Musk and Bill Gates, along with several other (8)__, have backed OpenAI, an organisation dedicated to developing AI.

billionaires / accents / driverless / crops / cloud-based / healthcare / recognition / regional /

GAP FILL: GRAMMAR

Artificial Intelligence

There are 6 x the, 2 x a – to add in!

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So what will happen to all people whose jobs are lost to robotic machines? Simple – they will retrain to do something different – just like all women did, who were shorthand secretaries in 1980s, or workers in car plants, who were on production line, whose work was suddenly replaced by robots doing the jobs of the employees.

the / the / the / the / the / the / a / a

AI will be used more and more. (1)__ will change the face of (2)__ we all do things. Examples include: farming – picking apples, tending crops; drones - delivery; office work - accounting and banking; healthcare - doctors and nurses; the retail industry – pricing and ordering; transport – shipping and delivery; and in the home, television and social media will transform.

Right now, (3)__ are seeing the introduction (4)__ driverless cars and buses that use AI. People are beginning to use Amazon Echo. Some of (5)__ are now talking to Alexa, (6)__ cloud-based speech recognition system software from Amazon. However, (7)__ time, this might kill different regional accents, and make us all speak the same.

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in / an / we / it / of / us / how / a



GAP FILL: LISTENING

Artificial Intelligence

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So what will happen to all the people whose jobs are lost to robotic machines? Simple – they will retrain to do something different – just like all the women did, who were _____ in the 1980s, or the workers in car plants, who were on _____, whose work was suddenly replaced by robots doing the jobs of the employees. AI will be used more and more. It will change the face of how we all do things. Examples include: farming – picking apples, _____; drones - delivery; office work -

accounting and banking; healthcare - doctors and nurses; the retail industry – _____; transport – shipping and delivery; and in the home, television and social media will transform.

Right now, we are seeing the introduction _____ and buses that use AI. People are beginning to use Amazon Echo. Some of us are now talking to Alexa, a cloud-based _____ software from Amazon. However, in time, this might kill different _____, and make us all speak the same. Elon Musk and Bill Gates, along with several other billionaires, have backed OpenAI, an organisation dedicated to developing AI.

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WRITING/SPELLING

WRITING / SPEAKING

1) On the board - In pairs/As a class, list **10 industries AI will transform**. How? Talk about them. *Five minutes*.

2) Sentence starters - Finish these sentence starters. Correct your mistakes. Compare what other people have written.

- 1) Robots _____
- 2) My job _____
- 3) AI _____

3) Write down 50 words about: *Artificial Intelligence*. Your words can be read out in class.

4) Homework - Write and send a 200 word email to your teacher about: ***Artificial Intelligence***.

SPELLING

The teacher will ask the class individually to spell the following words that are in the article. Afterwards check your answers.

- 1) supposedly
- 2) intelligence
- 3) similar
- 4) artificial
- 5) robot
- 6) retrain
- 7) delivery
- 8) driverless
- 9) organisation
- 10) humanity

SPELLING

Use the following ratings:

Pass = 12
Good = 15
Very good = 18
Excellent = 20

- 11) billionaires
- 12) production
- 13) shorthand
- 14) secretaries
- 15) examples
- 16) healthcare
- 17) retail
- 18) suddenly
- 19) programmers
- 20) software

Artificial Intelligence – 20th November 2017