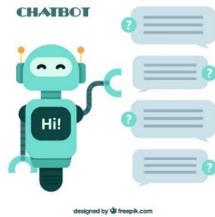


Artificial Intelligence in your everyday life

WARM UP

1. In pairs, look at the pictures below and answer the following questions:



- How would you define Artificial Intelligence or AI?
- What activities are computers better at than humans now? Which are humans better at than computers?
- Computers get faster and better every year. Is it just a matter of time before they become more intelligent than humans?



VOCABULARY

2. We can change the form of a word (e.g. from a verb to a noun) by adding suffixes. Use the words given in capitals at the end of sentences and the suffixes below to make new words and fill in the gaps.

-ment -ion -ive -y -ity -ous -able -ed

Many times researchers study some areas to satisfy their **CURIOSITY** but as a result new things are invented. **CURIOUS**

Recent **DEVELOPMENT** in machine learning has allowed us to create machines that can win with humans in some areas. **DEVELOP**

Engineers can now apply **ADVANCED** technological solutions to automatize many tasks that required human input. **ADVANCE**

Machines are not always **RELIABLE** and sometimes break down so we should limit how much we depend on them in everyday life. **RELY**

Commented [ESLBrains1]: Remember to tell your students that sometimes you need to make some changes in the base word too!
Show them a simple example such as:
beauty => beautiful
solve => solution

Artificial Intelligence in your everyday life

There are **NUMEROUS** reasons why we should create artificial intelligence. **NUMBER**

Some people believe that AI is such a **TRANSFORMATIVE** technology that it will change our lives just as the Internet or TV did. **TRANSFORM**

The **INVENTION** of gunpowder was one of the most significant achievements of the Middle Ages in China. **INVENT**

Their **DISCOVERY** was quickly confirmed, making it the first confirmation of planets outside our Solar System. **DISCOVER**

3. In groups, write down as many words as you can with the suffixes given to you by the teacher and put them in the table below.

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Choose 2 words from your list and create 2 sentences on separate piece of paper similar to the sentences from ex. 2 (i.e. with gaps). Exchange the sentences with another group and ask them to fill in the gaps. **Don't tell them which suffixes the teacher gave you!!!**

VIDEO AND DISCUSSION

4. Watch a video [<https://youtu.be/mJeNghZXtMo>] about AI (up to 3:51) and write down the answers to these questions:

- What does the AI field of science deal with? **In basic terms AI is a broad area of computer science that makes machines seem like they have human intelligence**
- When was the term "artificial intelligence" invented? **1956 by John McCarthy**
- What are the factors responsible for the growth of AI in the recent years? **A lot of data + higher data processing speed making it efficient**
- How is AI being used now? **Chatbots, Siri/Cortana**

Commented [ESLBrains2]: Try to give each group one suffix typical for nouns and one for adjectives. Also you need to set some time limit. We recommend having it between 2-5 minutes depending on group size/level.

You can also turn it into a competition! The group with most words wins!

Commented [ESLBrains3]: Make sure students understand this task and prepare sentences with gaps and a root word at the end. Check their sentences before they exchange them and guide your students if they use the words incorrectly in a sentence or make some grammar errors.

Artificial Intelligence in your everyday life

5. Select the right option in the sentences below, then watch the video again to check your answers:

- a) AI is designed so you don't realize there's a computer *calling/firing* the shots.
- b) The term "artificial intelligence" was first *crafted/coined* by Dartmouth professor John McCarthy.
- c) And now thanks to *advances/advantages* in processing speeds, computers can actually make sense of all this information more quickly.
- d) Tech giants and *venture/visiting* capitalists have bought into AI and are infusing the market with cash and new applications
- e) That means AI can manifest itself in many different ways. Let's *break/take* down the options.
- f) Natural language processing makes these bots a bit more *shallow/sophisticated*.

6. In pairs, discuss the following points:

- 1. How does Artificial Intelligence impact our life today?
- 2. How could the artificial intelligence technology be used in the future?
- 3. What are the key advantages of this technology in your opinion?
- 4. How worried should we be about AI replacing our jobs?
- 5. What aspects of AI can make it dangerous?
- 6. Why might some people think that too much technology in our lives can cause problems?

7. Watch a video from Google I/O conference 2018

[\[https://youtu.be/D5VN56jQMWM\]](https://youtu.be/D5VN56jQMWM) and consider these points:

- a) What's your opinion of this use of AI technology?
- b) Which aspect of this technology do you find most surprising?
- c) Would you be willing to use it yourself? Why/Why not?

