

LESSON PLAN

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SCHOOL: Liceul Tehnologic “Dimitrie Bolintineanu”

GRADE: 10th

STUDENTS: 25

TIMING: 45’

TEXTBOOK: *Upstream upper- intermediate(B2+)*

LESSON: ***ARTIFICIAL INTELLIGENCE IN YOUR EVERYDAY LIFE***

TYPE OF LESSON: Enrichment and consolidation of language and skills

SKILLS: Speaking, Listening, Writing

INTERACTION: Teacher-student, student-teacher, student-student, pair work

AIDS: Laptop, worksheets, board, chalk, online resources

TEACHING TECHNIQUES: conversation, explanation, example, brainstorming.

POSSIBLE PROBLEMS:

-some students might need further help and extra indications in solving the tasks and they may also need some of these indications to be given in Romanian;

-some students might feel nervous and reluctant to participate in the activity, so they may need assistance;

LESSON AIMS:

1. to use vocabulary connected to technology
2. to improve students’ ability to speak fluently and interactively
3. to learn how AI technology is being used in our everyday lives
4. to practice word formation by adding suffixes to a given word

EVALUATION: - continuous –through observation and analysis of answers

STAGES:

ACTIVITY 1: Warm up

Aims: - to encourage students' involvement

Procedure:

Teacher's activity: Teacher greets students and asks them questions about their mood to encourage speaking. The students answer the teacher's questions. The teacher checks the attendance and then she checks homework. The students correct the mistakes, if necessary.

Interaction: T-Ss, Ss-T, whole class

Timing: 3'

ACTIVITY 2: Lead-in

Aims: - to reinforce pre-taught knowledge and to warm students up

- . to use vocabulary connected to technology

Procedure:

Teacher's activity: The teacher asks the students to look at some pictures and predict what the lesson is going to be about. Then they are asked to discuss the questions in pairs.

Students' activity: Students look at the pictures and they are supposed to come up with answers.

Interaction: T-Ss, Ss-T

Timing: 10'

ACTIVITY 2: Presentation

Aims: -to practice word formation by adding suffixes to a given word

Procedure:

Teacher's activity: The teacher presents some suffixes that are used in order to form new parts of speech (nouns, adjectives) and explains students that sometimes some changes need to be made in the base word too.

The students are asked to solve exercise 2 on the worksheet.

Students' activity: Students solve the exercise and write the suffixes in their notebooks.

Interaction: T-Ss, Ss-T

Timing: 10'

ACTIVITY 3: Practice

Aims: -to learn how AI technology is being used in our everyday lives

Procedure:

Teacher's activity: The teacher asks the students to watch a video about artificial intelligence and then they have to answer questions based on what they have just watched and do a multiple choice activity.

At the end they have to check their answers.

Students' activity: The students listen and watch the video; they work and do the tasks.

Interaction: T- Ss, Ss-T.

Timing: 10'

ACTIVITY 4: Feedback

Aims: -to allow students to consolidate vocabulary structures

- to improve students' ability to speak fluently and interactively

Teacher's activity: The teacher asks the students to work in pairs and discuss some questions related to the subject that has already been presented in the video and to tell how AI impacts our lives today, how it could be used in the future and what the advantages of AI are.

Students' activity: Students work in pairs and answer the questions. Then, they check their answers with the teacher.

Interaction: T-Ss, S-T, PW

Timing: 10'

ACTIVITY 5: Assigning homework and evaluation

Aim: -to allow students to practice and improve their language skills with the feedback from their teacher

Teacher's activity: The teacher assigns homework:

Give your opinion on the following statement: (15-20 lines)

"Success in creating AI would be the biggest event in human history. Unfortunately, it might also be the last, unless we learn how to avoid the risks."

Stephen Hawking (1942 – 2018), British theoretical physicist

Then the teacher makes some appreciations concerning students' involvement in the lesson.

Interaction: T-Ss

Timing: 2'

Artificial Intelligence in your everyday life

WORKSHEET

1. Look at the pictures and discuss the questions.

- How would you define Artificial Intelligence or AI?
- What activities are computers now better at than humans? 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?



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 and the suffixes below to make new words. Then, complete the gaps.

-able	-ed	-ion	-ive	-ity	-ment	-ous	-y
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- a) Researchers often study in areas that satisfy their and as a result of this new things are invented. CURIOUS
- b) Recent in machine learning has allowed us to create machines that can win against humans in some areas. DEVELOP
- c) Engineers can now apply technological solutions to automatize many tasks that require human input. ADVANCE
- d) Machines are not always and sometimes break down, so we should limit how much we depend on them in everyday life. RELY
- e) There are reasons why we should create artificial intelligence. NUMBER
- f) Some people believe that AI is such a technology that it will change our lives just as the internet or TV did. TRANSFORM
- g) The of gunpowder was one of the most significant achievements of the Middle Ages in China. INVENT
- h) Their was quickly confirmed, making it the first confirmation of planets outside our Solar System. DISCOVER

3. Watch a video about AI and answer the questions:

- a) What does the AI field of science deal with?
- b) When was the term “artificial intelligence” invented?
- c) What are the factors responsible for the growth of AI in recent years?
- d) How is AI being used now?

4. Select the right option in the sentences below, then watch the video again (to 03:51) and 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**

5. Discuss the questions(in pairs):

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