

LESSON PLAN

Module 9: Science and Technology		School: Secondary school №37	
Date: 30.04.2025		Teacher name: Ussakhova A.N.	
Grade: 9 V		Number present:	absent:
Lesson theme	The Age of Cybernetics		
Learning objectives	9.1.9.1 Use imagination to express thoughts, ideas, experiences and feelings 9.3.6.1 Link comments with growing flexibility to what others say at sentence and discourse level in pair, group and whole class exchanges 9.4.5.1 Deduce meaning from context in extended texts on a range of familiar general and curricular topics		
Lesson objectives	Learners will be able to: ✓ Identify main ideas and specific information in the text. ✓ Use target vocabulary correctly in speaking and writing tasks. ✓ Engage creatively using digital tools and AI technology ✓ Compare and debate the pros and cons of becoming a cyborg ✓ Create Cyber Talk Show and perform interviews by using AI voices		
Plan			

Stages of lesson / parts / time	Teacher's activity	Learner's activity	Assessment criteria	Resources
Part 1	Bloom's Taxonomy: Remembering			
Beginning	Teacher greets students and make a positive atmosphere for whole class.	Students greet teacher and respond teacher's	<i>Flipping method:</i> was to watch the video content at home beforehand and write key info words connected with gadgets and cybernetics.	https://wordwall.net/ru/resource/27951247/gadgets
Warm-up 5 minutes	T plays the recorder in order to identify the topic and predict the content of the text.	1. They revise the words about gadgets and do quiz task on wordwall platform.		https://www.YouT ube.com/watch?v=3ojSWU1V31g
Brainstorming 5 minutes	Directs Ss' attention to the dictionary definition and elicit what a <i>cyborg</i> is.	Descriptor: Learners - find out and predict the topic - discuss characters - make assumptions about the lesson topic - write a definition of the word " <i>cyborg</i> " -do quiz for words of gadgets		Audio material of the video given for home work to watch and understand the content
	Directs Ss' attention to the pictures and elicit how Ss think they are like a cyborg.	Answer Key: A <i>cyborg</i> is a being which is part-mechanical and part-biological. Suggested Answer Key: <i>Terminator</i> is a cyborg in the sense that he is a machine that looks		

	Shows pictures of Robocop, Terminator, and AI robots. Asks guiding questions: "What do they have in common?" and "Are they real or fiction?"	human and has living flesh on top of a metal skeleton. <i>Robocop</i> is a cyborg in the sense that he has a robotic body with a human mind and human feelings. Jesse Sullivan is a cyborg in the sense that he is human with robotic arms.		Thematic pictures Type recorder YouTube intro clip
Part 2	Bloom's Taxonomy: Understanding			
Main stage Pre-reading 5 minutes	1. Explains the difference of terms, asks to define in their own words what makes a being a cyborg. Match the character with their description: 2. Introduces new vocabulary words using Quizlet platform. 3. Starts online Quizlet Live game.	Descriptor: Learners - match biological and artificial parts of a cyborg in a diagram - learn vocabulary through matching and teamwork - participate in Quizlet Live game Character Description Jesse Sullivan Robotic arms controlled by Neil Harbisson Uses device to detect colors Cybermen Fictional half-human machi	Digital points of given task on digital platform	https://quizlet.com/kz/693669574/9-grade-the-age-of-cybernetics-flash-cards/?exitTest=1
	Bloom's Taxonomy: Applying			
While-reading 10 minutes	Distributes text. Plays audio. Highlights key parts. Asks: 1. "Who is Jesse Sullivan?" 2. "What are the differences between a robot, a human, and a cyborg?" 3. "Do you think becoming a cyborg is good or bad for humanity? Why?"	Ss listen and follow the text on their books. Skim and scan the text, underline important key info facts, answer guiding questions. Descriptor: Learners - create a Venn diagram - compare them - debate the pros and cons of becoming a cyborg - underline important key - answer guiding questions	Summarize through assessment criteria of descriptors	https://www.youtube.com/watch?v=5kdforvXPJc Printed digital text Student's books Excel 9 https://wordwall.net/ru/resource/17845998/solutions-pre-int/9g-parts-of-gadgets
	Bloom's Taxonomy: Analyzing			
Post-reading 10 minutes	Divides class into 3 roles: engineers, journalists and cyborgs. Guides them to prepare a talk show.	Descriptor: Learners - prepare questions - answer the questions - act in roles - use AI voices - perform interviews - create Cyber Talk Show	Live digital collaboration task	Yandex Telemost AI voice, costumes, props

	<p>Connects to another class via Yandex Telemost. Facilitates cross-class discussion and students' questions</p> <p>“How can the idea of a cyborg be used in medicine or technology?”</p> <p>“Give examples of real-life technologies that make humans cyborg-like e.g. prosthetic limbs, cochlear implants.”</p>	<p>Descriptor: Learners</p> <ul style="list-style-type: none"> - greet other class - share findings - ask questions - reflect on the lesson - give examples of real-life technologies 	<p>Role-play, collaboration</p> <p>Speaking activity</p> <p>Interview</p>	
	Bloom's Taxonomy: Evaluating			
<p>Part 3</p> <p>5 minutes</p> <p>Reflection</p>	<p>Shares Wordwall quiz link on QR-Code: 5 multiple choice, 5 matching questions on characters, facts, and vocabulary</p>	<p>Descriptor: Learners</p> <ul style="list-style-type: none"> - complete quiz questions individually on phones or computers 	<p>Quiz points: 10 points for appropriate 10 right answers</p>	<p>https://wordwall.net/ru/resource/72315544/the-age-of-cybernetics</p> <p>QR-Code</p>
	Bloom's Taxonomy: Creating			
<p>Conclusion</p> <p>Expand the topic</p> <p>Giving home work</p>	<p>Explains and gives Ss the task for home work:</p> <p>“Design and create your own version of a cyborg. Describe it as what parts are human, and what parts are artificial”</p>	<p>Descriptor: Learners</p> <ul style="list-style-type: none"> - think of their own cyborg - draw or describe a cyborg character for a sci-fi story. - write a description of it - read out their description to the class - introduce their cyborg next lesson <p><i>Suggested Answer Key</i></p> <p><i>My cyborg will be a human person who has an artificial arm that looks and moves just like a normal arm and no one can tell that it is mechanical. It won't be some strange creature, it will be a regular person who has lost a part of their body in an accident and who, with this cybernetic part, can live a normal life again.</i></p>		<p>Creative Cyborg made by students own</p>