ANA ASLAN - LESSON PLAN

1. LESSON FRAMEWORK

Grade	6th grade
School	Secondary School No. 169, Sector 6, Bucharest
Teacher	Micloi Emilia / Ilie Mirela
Curricular area	Across several curricular areas
Format	Integrated activity
Lesson type	Teaching - learning
Time resources	50 minutes

Aim of the activity: To develop an integrated understanding of Ana Aslan's personality by exploring her scientific contributions and the values that guided her life, encouraging students to reflect on their own development, health, and the role of science in society.

2. INTEGRATED SUBJECT AREAS

- Romanian language and literature
- Health education
- Biology, Chemistry
- Geography
- Arts and technologies

3. TRANSVERSAL COMPETENCES

- Critical and reflective thinking
- Communication and collaboration
- Self-knowledge and acceptance of personal values

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4. SPECIFIC AND INTEGRATED COMPETENCES

Romanian language and literature

1.2. Identify essential information in an oral or written text.
1.3. Formulate appropriate answers to questions about a text.
2.1. Write a short, clear, and coherent text on a given topic.
2.2. Use Romanian correctly and appropriately when writing a text.
3.2. Express an argued point of view about a text/situation.
4.1. Show interest in reading various types of texts.

Biology

1.1. Identify the characteristics of living organisms and the levels of organization of living matter.
1.2. Use biology-specific scientific terminology correctly.
2.1. Apply biological knowledge to explain processes from everyday life.
3.1. Show responsible behavior toward one's own health and the environment.

Health education

1.1. Identify behaviors that support health.
2.1. Analyze the consequences of certain behaviors on health.
3.1. Adopt a balanced and responsible lifestyle.

Chemistry

3.1. Apply chemical knowledge to explain phenomena from everyday life.
4.1. Show interest in the responsible use of chemical substances.

Geography

1.1. Locate geographical elements on a map using specific terminology.
2.2. Explain the relationships between natural elements and human activities.

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5. OPERATIONAL OBJECTIVES

Obj.	Description
O1	Arrange important moments from Ana Aslan's life chronologically on a timeline, based on the teacher's explanations; the objective is considered achieved if all students identify at least two moments and place them correctly on the timeline.
O2	Explain, in their own words, ideas and beliefs that guided her life, based on the text they listened to; the objective is considered achieved if all students correctly explain Ana Aslan's credo.
O3	Write a description of Ana Aslan in a short journalistic text, based on the biographical data presented during the lesson; the objective is considered achieved if each team writes the text using three essential pieces of information about Ana Aslan.
O4	Propose ways of maintaining health that may slow the aging process, based on the knowledge acquired in biology lessons; the objective is considered achieved if all students propose at least two methods.
O5	Create "The portrait of my values," based on the values and beliefs observed in Ana Aslan; the objective is considered achieved if each student creates the portrait of values and explains how to apply them in everyday life.

6. TEACHING STRATEGY

Methods and procedures	**exercise, heuristic conversation, explanation, brainstorming, independent work, problem-solving approach, written reflection**
Teaching aids	laptop, worksheets, interactive board, Wordwall application
Forms of organization	whole-class, in teams, individual
Human resources	the class group, the teacher
Assessment forms and techniques	systematic observation, verbal feedback
Bibliography	https://afostodata.ro/europeanicons/

LESSON SEQUENCES	OB OP	LEARNING ACTIVITIES	TEACHING STRATEGY			TIME	ASSESSMENT
			Methods and procedures	Teaching aids	Forms of organization		
1. Organizational moment		Ensure the necessary conditions for starting the lesson. Check attendance.	heuristic conversation exercise	students' notebooks portfolios	whole-class individual	1 minute	systematic observation
3. Capturing attention		Trigger question: "What does it mean to stay young - only age, or also the way you think?"	conversation	smart board	whole-class	2 minute	systematic observation
4. Announcing the topic and objectives		Students will be told that they will learn about personalities who changed the world: "Ana Aslan - science in the service of life and human values." The objectives are presented in language the students can understand.	conversation	smart board	whole-class	1 minute	systematic observation
5. Guiding the learning of new content	**O1** **O2** **O3** **O4**	Presentation of the personalities involved in the European Icons project - https://afostodata.ro/europeaicons / and of the motto: "The past teaches us. The future inspires us." Discovering information about personalities who shaped humanity's past and inspired its future. Students will complete the exercise in the application - https://view.genially.com/69a58d10ee122a9a2d0934a6 Students are presented with information about Ana Aslan - https://afostodata.ro/ana-aslan/ . Students will arrange the important moments from Ana Aslan's life chronologically on a timeline. https://wordwall.net/resource/109450527/ana-aslan-axa-timpului The famous researcher's credo is reread from the text: "To be forever young does not mean being 20 years old; it means being optimistic, feeling well, having an ideal in life to fight for and to achieve." Students will reread the idea and rewrite it in their own words. Discussions will be held based on their answers. Using biographical traits (e.g., perseverance, discipline, dedication to science), students write a journalistic portrait of Ana Aslan. The class discusses: "What is procaine and how did it help Ana Aslan's research?" Students explain, in their own words, what a chemical substance (procaine) is and how it can affect processes in the body. Exercise-game: What substance is hidden in the container? Students are asked to recognize the scents of substances that can be used to make beauty creams. Class discussion about what aging means: what happens to the body and how we can take care of our health (nutrition, exercise, sleep, social relationships). Students will complete the worksheet - Healthy Life Plan.	heuristic conversation exercise explanation problem-solving approach heuristic conversation exercise heuristic conversation	smart board genially.com containers with different scents worksheet	whole-class individual Pair work Whole-class Team work	20 minutes	systematic observation feedback verbal, individual and collective
6. Performance achievement	**O5**	Students choose three values they noticed in Ana Aslan (e.g., optimism, dedication, intellectual courage) and describe how they would apply them in school or personal life (personal reflection and application of learning), creating "The portrait of my values" using the graffiti technique. Students locate on the map the country represented by each personality from European countries who received treatment at the Institute of Geriatrics led by Ana Aslan. https://wordwall.net/resource/108581740/ana-aslan-pacienti-din-europa	problem-solving approach didactic game Wordwall conversation	smart board map interactive worksheets	whole-class individual in teams	18 minutes	systematic observation feedback verbal, individual and collective
7. Final feedback		Completing the quiz - https://afostodata.ro/ana-aslan-quiz/	conversation	quiz smart board phones	individual	1 min.	feedback verbal