

Lesson Plan

School: Secondary School Ghimbav

Lesson topic: Transport and energy

Estimated time: 50 minutes

Aim:

To reflect on personal resources and the ways of keeping oneself healthy;

General competences:

Adopting a positive attitude towards the environment and of a healthy and balanced lifestyle;

Specific competences:

Identifying personal resources and opportunities for developing an ecological behaviour;
Analyzing sources of pollution and their consequences on human health;

Objectives:

1. To list ways of keeping the environment clean and the benefits of this;
2. To describe negative effects of pollution;
3. To talk about diseases that appear as a result of a polluted environment;
4. To list activities of protecting the environment;

Strategies:

- a) Methods and procedures: descriptions, examples, playing games, conversation, experiments;
- b) Resources: posters, flip chart, pictures, blackboard, markers, flashcards, die, hourglass;
- c) Students' interaction: individual, pairs, groups.

Activity 1: Warm up activity (play a game)

Aim: To introduce the topic of the lesson and motivate Ss to participate in the following activities.

Procedure: Students receive a handout on which is written vertically the word “ENVIRONMENT” and they have to use each letter to write another word related to it.

Interaction: pair work

Resources: handouts, crayons

Estimated time: 10 minutes.

All pairs present their answers and compare them.

Possible answer:

						R	E	S	O	U	R	C	E	S
						E	N	E	R	G	Y			
				S	A	V	E							
P	O	L	L	U	T	I	O	N						
				N	A	T	U	R	E					
							O	X	Y	G	E	N		
						T	R	A	N	S	P	O	R	T
						A	N	I	M	A	L	S		
						R	I	V	E	R				
						C	L	E	A	N				
H	A	B	I	T	A	T								

Activity 2: Debate

Aim: To make students aware of the environmental problems of today’s world.

Procedure: The teacher starts the debate with the following questions:

-What are the problems of the environment in your opinion?

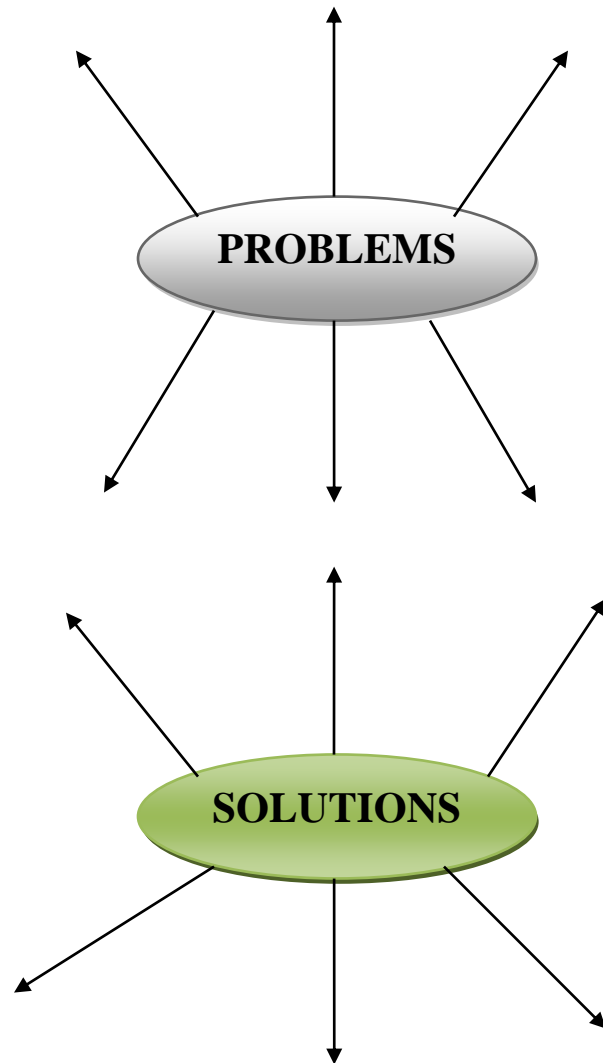
-What solutions can you identify for them?

Students’ opinions for each question are gathered in two different word webs.

Interaction: T – Ss

Resources: flip chart, markers.

Estimated time: 15 minutes.



Activity 3: Learn in a minute (play a game)

Aim: To help students learn more about what they can do to protect the environment.

Procedure: The teacher presents the class the rules of the game.

Interaction: group work

Resources: pictures, die, hourglass (timer)

Estimated time: 25 minutes.

The rules:

- Students are organized in groups of three/ four;
- Students start the game by drawing lots;
- The youngest member of the team chooses a flashcard which has a picture on one side and three questions on the other side;
- Together with his team analyzes thoroughly the picture for 30 seconds;
- After 30 seconds the oldest member of the group tosses the die and the number of the die indicates the question that must be answered;
- A representative of the team presents the answer after consulting with the other members;
- For each correct answer the team gets one point;
- The team with most points is declared the winner;