

**Energy saving =
cost saving**



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ENVI-MOBILE: Integration of mobile learning into environmental education fostering local communities' development

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Activity No. 1

Part of the lesson:

EVOCATION

The aim of the activity: To raise the interest of children in the topic.

STEP 1.

Brief description of the activity:

In the beginning of the lesson teachers asks children to think about where they use the energy at home. Teacher writes the ideas down on a blackboard, making sure following areas are mentioned:

- heating
- lighting
- computer, TV and other technologies
- fridge and other electric appliances
- cooking
- washing dishes (dishwasher vs. manual dish washing)

Instruction (what you need to tell the students):

Where at home do you use the energy? How and what purposes was the energy used for in the past and what is it used for nowadays?

Tools for the activity (everything you need to take to the classroom): blackboard/whiteboard or flipchart, chalks/markers

Estimated time (max. 40 min.): 5 minutes

Notes: Before the lesson, teacher can check the internet sources with inspiration for energy saving in the households.

Activity No. 2

The aim of the activity: To realize how we can save the energy in the households and how it is wasted.

STEP 1.

Brief description of the activity:

Teacher prepares the cards with areas of possible energy saving in the households:

- Heating
- Lighting
- Appliances – pc, TV, fridge
- Cooking
- Dish washing, cloth washing

Teacher divides children into 5 groups. Each group receives flip paper to draw or write the ideas for energy saving at home. Each group will have an access to internet. Teacher provides an example of the websites where relevant information can be found (see the „Notes“), or let children to search for the sources on their own.

Instruction (what you need to tell the students):

Work in the groups. Each group draws one theme to work on. Your task is to prepare thematic information poster with as many ideas for energy saving in the households as possible. Your poster should be clear to the others even without the explanation. Therefore use the drawings, words to explain your intention. And do not forget: if your classmates won't understand the poster, no one else will understand it either. Let one or two people from each group search for the information on internet – these two people will come to me to get the information of the websites with relevant information. You have 20 minutes for this.

Try to also think about what does the slogan „ENERGY SAVING = COST SAVING“ means.

STEP 2.

Brief description of the activity:

Presentation of the posters. Two representatives of the group will stand in the front, holding the poster, third one will write down on the blackboard what the class guessed. Group members keep quiet, letting their classmates guess the ideas for energy saving. If the classmates won't understand the poster, no one else will understand it either.

Instruction (what you need to tell the students):

Present your posters. The first group come to present. Hold the poster in the front without speaking and let your classmates guess the ideas for energy saving, presented on your poster. One of you will write correctly guessed ideas on the blackboard.

The other group continues and the rest is guessing....

Part of the lesson:
APPRECIATION

Activity No. 2

Part of the lesson:
APPRECIATION**STEP 3.**Brief description of the activity:

After all the groups presented, teacher asks children to choose the poster they liked the most (apart from their own), providing the best picture and most useful information. Teacher evaluates which poster got most of their votes and asks children to suggest, where the posters should be placed.

Instruction (what you need to tell the students):

Which poster, apart from your own, according to your opinion, provided the best picture of the theme and the most useful information? Agree in the groups and vote for your most favourite one.

Tools for the activity (everything you need to take to the classroom):

flip paper for each group, markers of different colours for each group, pc with internet access for each group, blackboard or flipchart, chalk

Estimated time (max. 40 min.): 30 minutes

Notes: You will find relevant information related to the topic after searching for “energy saving in the household” on internet.

Activity No. 3

Part of the lesson:
REFLECTION

The aim of the activity: Realizing what can I do on my own to save the energy.

STEP 1.Brief description of the activity:

Teacher asks children to individually write down the list of their own resolutions for energy saving at home, esp. those that they would be new for them. After about 3 minutes ask them to read their resolutions in front of the class.

Instruction (what you need to tell the students):

Take pen and paper. Write a letter to yourself for the future, where you tell what resolutions related to energy saving, written on the blackboard, or the other ones, that we didn't speak about, would you like to adhere. Especially focus on those that would be new for you. You have 3 minutes to do so.

(after a while) Read loudly what you wrote.

STEP 2.Brief description of the activity:

At the end teacher collects the letters and gives them back to the children after about 3 months to find out whether they keep some of their resolutions.

Tools for the activity (everything you need to take to the classroom): pen and paper for each child

Estimated time (max. 40 min.): 5 minutes

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