





## Summary

# A mine of ideas - Municipal waste management - what is worth to know?



|   |   |  |
|---|---|--|
|   | <b>Target age</b>   |  |
|   | Age 11 and over   |  |
|   | <b>Level of difficulty</b>  |  |
|   | <input checked="" type="checkbox"/> Easy <input type="checkbox"/> Medium <input type="checkbox"/> High  |  |
|  | <b>Key words:</b>   |  |
|   | waste, recycling, energy recover waste segregation,   |  |
|  | <b>Abstract of the activity:</b>  |  |
|   | <p>An educational workshop entitled 'A mine of ideas - Municipal waste management - what is worth to know?' will present the most important assumptions of municipal waste management and will also provide solutions to the problem of the growing amount of waste. The participants will get acquainted with the basic concepts from the above-mentioned topics and will learn about the methods that they can use in their everyday life and household. The main aim of the lesson is to introduce students to the problem of municipal waste management. The workshop is divided into two parts. During the first one it will be presented the general problem of waste, waste management and waste management hierarchy. The lesson deals with waste prevention, waste reuse, recycling, energy recovery, waste disposal and finally waste segregation. A multimedia presentation is used during the lesson (as teacher's material) and, in addition, the student receives an electronic work card where is entered how much waste was used in a given category on a given day for eight days. The task is conduct</p> |  |

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at home. The teacher summarizes the task completed after eight days of the experiment during the second part of the workshop.

### Learning Goals



- Presenting the importance of municipal waste management to the workshop participants.
- Why it is important to follow the adopted methodology and how positive is the environmental impact of proper waste management?
- What impact does proper waste management have on the environment?

### Specific Abilities - *At the end of the activity the student will be able to:*



- He knew what the elements of the waste management hierarchy are?
- He knew the type of waste and could give examples of reuse (7 examples).
- He knew the disadvantages of recycling.

### Cross-curricula Links



- Ecology/Environment
- Biology
- Economics/Economy

### Prerequisites - *Knowledge and skills necessary for carrying out the activity*



- no requirement

### Time requirement *plus eventually other boundary conditions*



1-st workshop 90 min

2-nd workshop 40 min

**Instruments (eventually):** Work card (excel file - appendix 2)

### Learning and Teaching Support Materials - **What you can find in the toolkit**



1. Lesson Scenario and Questions (appendix 1)
2. Work card (excel file - appendix 2)
3. Presentation (appendix 3)

RM

Ambassadors

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