



„Prevention against pollution” - lesson plan

Duration	1 hour
Age	10-14
Type of classes	Didactic and educational activities
Working methods	<ul style="list-style-type: none"> ● <i>Brainstorming</i> ● <i>Individual work</i> ● <i>Work in groups</i> ● <i>Didactic games</i>
Goals	<ul style="list-style-type: none"> ● <i>to know the possibilities of guidance for the protection and improvement of air quality</i> ● <i>recognize the possibilities of protection against the air pollution</i> ● <i>to be familiar with the rules and skills related to the clean air protection</i> ● <i>take an active part in the protection against of air pollution</i> ● <i>know safe, environmentally appropriate, and ethical practices</i> ● <i>to be able to communicate valid conclusions</i>

1. What Can We Do to Help Reduce Air Pollution? - work in groups

The teacher divides children to 5-people groups and asks them to work on several topics, each group gets one topic to work on:

- a) How to limit emission from individual boilers?
- b) How to limit emission from transport?
- c) How to save energy?
- d) How to reduce the amount of garbage? (slide 2)

Later on each group presents its solutions, the teacher corrects them if necessary, the best solutions are written on the blackboard. After the presentation of each group, the teacher shows a slide with examples of answers - slides 3-9.

2. Prevention in rural areas - creating a poster with ideas, what can I do to take care of clean air

The teacher says that these were ideas about what everyone can do - children and adults. But let's think about what exactly you can do yourself - children aged 10-13 - in class, at school, on the way to school, at home - in rural area. The pupils will create infographic or poster with the information and facts related to the ways how children 10-14 years old can reduce air pollution in rural area (slide 7).

Some examples of similar posters:



Children can work in groups. At the end everyone presents the poster. The teacher improves if necessary.

The teacher completes the lesson by showing slide 8.

3. Additional exercise

Make a compost pile (Reduce, Reuse, Recycle and Rot)

In the school yard group of students can make a compost pile, into which you can throw your vegetable peelings and other food scraps.

Ideas how to make a compost pile can be find here <https://www.wikihow.com/Compost>, <https://www.thegardenglove.com/12-creative-diy-compost-bin-ideas/>, <https://vermigo.com> or <https://backyardgrowers.com/23-ingenious-diy-compost-bin-ideas/>.

4. Additional exercise

The teacher can ask pupils to prepare school project focusing on the different using of renewable energies in their city. As a motivation, he/she can study or present these videos <https://www.youtube.com/watch?v=Us8QahVIWBI>, <https://www.youtube.com/watch?v=LfC8koCEX5E> or Pinterest ideas <https://sk.pinterest.com/pin/235876099206963324/?lp=true>.

¹ <https://soapboxie.com/social-issues/reduce-pollution>



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