

LESSON TOPIC

What does a hen have to do with a windmill?



Grades
1 to 3
Time

45 min.

OBJECTIVES IN LINE WITH THE CURRICULUM:

In the area of general education:

 5) Developing critical and logical thinking, reasoning, argumentation and inference skills;

CONTENT IN LINE WITH THE CURRICULUM:

 6.3 Students use acquired skills to solve problems and explore the world, fostering their own development and creating individual learning strategies.

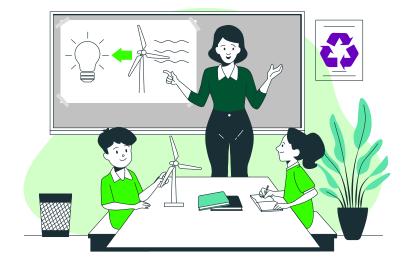
TEACHING RESOURCES:

- worksheets
- multimedia presentation: True or false?

Lesson plan

INTRODUCTION:

- Present the topic of the lesson to students.
- Hand out the worksheets.





COURSE OF THE LESSON:

- Divide the class into groups of 3-4.
- Then ask each group to complete Task 1.



1. Task 1 contains various false statements. Pupils are asked to judge how plausible they seem. .

Some statements may seem too difficult for children to understand and evaluate, but this is intentional.

2. Discuss Task 1 together using the multimedia presentation "True or False"?.

The presentation takes the form of a quiz in which students can decide together, as a whole class, which answers to tick.

3. Explain to the students that all the statements quoted in the task were false.

Make sure that this information is communicated in a clear and understandable way so that no one is in any doubt about it.

4. Then check whether there is any similarity between the groups in terms of the choice of statements considered true.

Among the statements rated by the pupils, there are some that concern easy topics known from everyday experience and more difficult ones concerning renewable energy. While the former are usually correctly rated as false by the students without difficulty, the latter can be more controversial.

5. Discuss with the students why some statements are easier to believe than others.

Ask the students to write down their conclusions on their worksheets.

6. Ask students to complete Task 2, which is to identify the most reliable source of information on a given topic.

Discuss the task together.

SUMMARY

 Sum up the information students should remember.





Worksheet

What does a hen have to do with a windmill?

TASK 1

Below are the different statements. Mark the ones you think are true in green and the ones you think are false in red.



Cats, when tired, hang by their tails on tree branches and fall asleep.

The vibrations of the huge windmills harm hens, causing them to lay fewer eggs.

Plants feed by capturing microscopic roundworms through their roots.

Plastic is a natural substance that grows on trees.

Renewable energy is not efficient enough to power homes.

Renewable energy sources are harmful to the environment.

American researchers have found that mounting solar panels on the roof increases the risk of cancer and crossed eyes in infants.

Renewable energy sources only provide energy during fine weather.

The giant wind turbines make so much noise that residents of nearby houses can lose their hearing.

Putting solar panels on the roof can damage it and cause the roof to leak at a later time.



Together with the teacher and the rest of the class, check whether the statements are true or false. Draw an exclamation mark next to the statements you were wrong about.

Why did you find some of these statements easy to rate and others more difficult? What conclusions can you draw from this exercise?

Write your answer	4
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Worksheet

What does a hen have to do with a windmill?

TASK 2

Various situations are described below, along with symbols for sources of knowledge from which you can draw information on the topic. Select the best source or sources of knowledge for each of the items below.



	Handbook	Peers	Family	TV	Internet
You would like to know your family history.			W 00 00 W		
You want to learn more about renewable energy sources.					
You want to know the recipe for the cookies your classmate can bake.					
You want to know about the different types of energy.					