

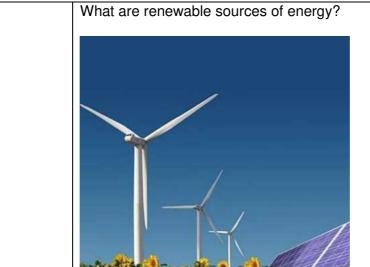




Webquest title	Renewable energy	
Involved Subjects	Science, Information and communications technology, English	
Timing	1h (classroom)+ 5h (homework) +2h (feedback)	

Leading in	Topic presentation (Renewable energy and particulary wind energy)	
Timing: 2 h	377	
(classroom)		

video (youtube) https://www.acciona.com/renewable-energy/wind-power/



www.golea.si

Assigned Task	7 types of renewable energy Renewable energy — what can you do? Wind energy — general characteristics Advantages of wind energy Problems of wind energy Conclusion







Process	S
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- 1. Students are divided in four groups
- 2. Each group have one topic to discuss
- 1. group: Renewable energy what can you do?
- 2. group: Wind energy general characteristics
- 3. group: Advantages ogf wind energy
- 4. group: Problems of wind energy
- 3. Topics in common to discuss are:
- 1. 7 types of renewable energy at the beginin gof the research
- 2. All toghether the students write the conclusion which we discuss in the classroom
- 4. They elaborate the powerpoint presentation, each group discuss their topic in the classroom and choose appropriate image for the presentation
- 5. One student films the windmill one of the two windmills that we have in Slovenia
- 6. One student looks after the layout of the presentation

Resources:

https://www.acciona.com/renewable-energy/wind-power/

https://www.golea.si/

https://www.renewableenergyworld.com

https://www.nrdc.org/stories/renewable-energy-clean-facts

https://www.justenergy.com/blog/7-types-of-renewable-energy-the-future-of-energy/

https://www.bloomberg.com/graphics/2019-can-renewable-energy-power-the-world/

https://www.ge.com/renewableenergy/wind-energy/what-is-wind-energy

https://www.awea.org/wind-101/basics-of-wind-energy

https://www.disruptordaily.com/future-of-energy/

http://windeis.anl.gov/guide/basics/

Tools:

Smarthphone

Learning Goals:







After completing the WebQuest assignment, you will:

- a) Know:
- the meaning of the renewable energy
- the importance of renewable energy
- about wind energy in Slovenia
- b) Be able to read an informative text regarding a specific thematic area
- c) Be able to discuss the topic of renewable energy in classroomd) Improve your level of participation in school life

Acquired key competence	Social Skills	Learnt knowledge and contents
 Critical thinking Data interpretation Digital and technology-based competences Communication in foreign languages Cooperation and communication in team Able to select products in order to become a conscious consumer 	 Capacity to collaborate with peers. Social awareness related to the topic Capacity to present the topic to the others 	 Informational text and video Knowledge of the renewable energy Know which are the positive and negative things about renewable energy