

LESSON for Transport and Energy

Title:

Understanding Energy Resources

Summary

Lesson Plan for Energy (renewable and non- renewable). This lesson can be included in the Physics course for students aged 12-14. It is designed to take 1 hour but if needed, it can be expanded.

Methodological tools used

Discussion, Brainstorming, Team working, Knowledge discovery, Presentation, Extraction of conclusions.

Lesson implementation

- 5' Warm-up, introduction to the subject. Investigating previous knowledge.
- 10' Split-up in groups of 4-6. Card Game (attached file 2): Separating renewable and non-renewable energy sources. We compare teams' results and encourage students to argue for their choices.
- 20' Presentation of our theme (attached file 1). During the presentation we interact with our students to clarify information and analyse the topic.
- 1-2' Repassing the cards in order to correct possible mistakes.
- 5' Ask our students to sort out the renewable energy cards in different categories based on the presentation.
- 2-3' Summary-Conclusion

Attached files

1. Presentation for this lesson

Link:

https://docs.google.com/presentation/d/1YXCr7hQqbeTajJZm-BnDxCREVRcgOZ8l7Vih-wNbg_Q/edit?usp=sharing

QR Code:



2. Photos for game-cards

Link: <https://drive.google.com/drive/folders/1XIHMxXj1uFZgnSq8-H7KK5giJapzSz2-?usp=sharing>

QR Code:

