

Grade: 3

Subject: Science (Energy resources)

Duration: 30 minutes

Type: Renewable or Non-renewable Resources

Learning Outcomes:

Geography

4. 3.11. Recognized Energy

4. 3.2. Answer questions about key features of people, places, resources, movements in the environment (about the question)

Lesson Outcomes:

The learners must be able to:

- Categorize resources into Renewable and Non-renewable Resources
- Explain which come from the different resources
- Explain the difference between renewable and non-renewable resources
- Explain some of the problems and solutions related to using renewable and non-renewable resources

Teaching and Learning Support Materials:

- Flash cards
- Blackboard/whiteboard
- Pictures
- Materials

Learning Experiences:

Introduction:

The teacher asks learners what it means if something is renewable. It can be made again and again (wood) and then what about something is non-renewable. It can't be made again and it's used for many years. The teacher asks them what is the source of a resource. These questions make the names of both renewable and non-renewable resources.

wood	coal	iron (metal)	water
oil	wind	gas	oil

What are the names of the resources that are renewable? What are the names of the resources that are not?

Renewable Resources	Non-Renewable Resources

Development:

The teacher then puts some flash cards on the board. The time concerning the names and pictures of products which are made from different resources.