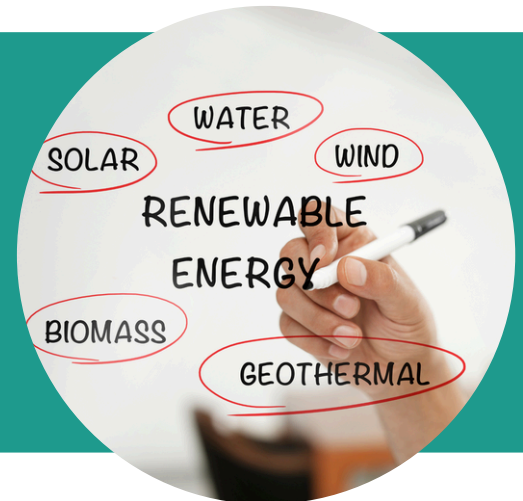


What is Renewable Energy?

Re-Energy
Activity
Grade Level 7-12



Main Objective

The purpose of this activity is to help learners understand the difference between renewable and non-renewable energy, and explore the benefits of renewable energy.

Learning Outcomes

By the end of this activity, learners will:

- Describe the difference between renewable and non-renewable energy.
- List the different types of renewable energy sources.
- Describe the co-benefits and trade-offs of renewable energy vs. non-renewable energy.

Length of Activity: 1 - 1.5 hours

Step 1: Intro to renewable energy (30 mins)

Step 2: Watch a video about clean energy (11:17 mins)

Step 3: Discuss the backgrounder and video (20 minutes)

Materials Required

- Internet-enabled device
- What is Renewable Energy Backgrounder

Activity

Step 1: Backgrounder Reading

Begin the class by distributing the “What is Renewable Energy?” backgrounder to learners and have them read it.

Step 2: Watch Video in Class

Continue to watch this video on future of clean energy:



[The Future of Clean Energy](#)

Step 3: Discussion Questions

After reading the backgrounder and watching the video, have learners answer the following questions in groups:

1. Give some examples of non-renewable energy sources. Describe why they are considered non-renewable.
2. Give examples of renewable energy. Explain why they are considered renewable.
3. What are some of the advantages of renewable energy over non-renewable energy?
4. Can you describe any examples of how renewable energy is being used in your region?

Extension Activities:

Watch this documentary in class on the future of clean energy and sustainable living! Encourage learners to share their thoughts after watching the documentary:



[How Green Energy Will Change Our Future \(45 Minutes\)](#)