

Middle School STEM Activity

Subject: Engineering

Topic: Renewable Energy Design

Objective

Students explore and apply renewable energy design concepts.

Learning Outcomes

- Understand renewable energy design
- Develop critical thinking
- Apply STEM knowledge
- Encourage creativity

Materials

- Notebook
- Markers
- Chart paper
- Recycled materials
- Internet

Activity Steps

1. Introduce renewable energy design concept.
2. Show real-life examples.
3. Students perform activity.
4. Record observations.
5. Present results.

Observation/Notes

Observation	Notes

Discussion Questions

- What is renewable energy design?
- Why is it important?
- Where is it used?
- What did you learn?

Extension Activity

Create a mini project using renewable energy design and present.

Renewable Energy Design Diagram

