

Middle School STEM Activity

Subject: Physics

Topic: Energy Transformations

Objective

Students explore and understand energy transformations concepts.

Learning Outcomes

- Understand energy transformations
- Develop critical thinking
- Apply STEM knowledge
- Work collaboratively

Materials

- Notebook
- Markers
- Chart paper
- Science kit
- Internet

Activity Steps

1. Introduce energy transformations with examples.
2. Demonstrate concept.
3. Students perform activity.
4. Record observations.
5. Discuss results.

Observation/Notes

Observation	Notes

Discussion Questions

- What is energy transformations?
- Why is it important?
- Where is it used?
- What did you discover?

Extension Activity

Create a mini project related to energy transformations and present.

Energy Transformations Diagram

