

Sixth Grade Science Poster

Topic: ENERGY TRANSFORMATION

I can Statement: Identify various forms of energy transformation

I Standards 4.5b Energy can change from one form to another. Most activities in everyday life involve at least one form of energy being transformed into another.

Objectives: Students should be able to:

Identify at least three examples of energy transformation and write a brief explanation of each.

Academic Vocabulary:

- | | |
|--------------------------|-----------------|
| • Transformation | Transfer |
| • Energy | Chemical Energy |
| • Thermal Energy | Nuclear Energy |
| • Potential Energy | Kinetic Energy |
| • Mechanical Energy | |
| • Electromagnetic Energy | |

Task:

In sixth grade, the students learned about the different forms of energy. Real world application is the best way to understand science. As such they will create a poster showing **Types of Energy Transformation**.

Energy transformation is the change from one form of energy to another.

For this project, they will identify at least **three** examples of energy transformation and write a brief explanation of each. Each explanation should be at least **one paragraph** in length. Pictures of each transformation should be included. The pictures can be hand drawn, printed from the internet, or cut from a magazine.

The poster should include: attractive graphics, title, name, class, and the due date. It will be graded on attractiveness, neatness, accurate content and overall effort.

Due Date: February 3, 2022

Science Task Rubric – Energy Transformation

Category	4	3	2	1
Neatness & Organization	Presentation is very organized with neat, clear easy to read lettering	Presentation is organized and it neat and clear	Presentation is somewhat organized and neat	Presentation lacks neatness and is disorganized
Content Accuracy	Detailed description written, with appropriate example	Description written with accurate example	Some details written with accurate example	Limited details and example
Required Elements	The element description had all the required components. Well outlined	The element description had most of the required components	The element description had some of the required components	The element description was limited. Not enough details provided
Illustrations	Neat, clear, creative illustrations relating to topic	Neat, clear illustration relating to topic	Illustrations relating to topic was evident but not clear	Limited or no illustrations provided
Mechanics Grammar/Spelling	No errors in grammar and/ or spelling	Few errors in grammar and/ or spelling	Some errors in grammar and/or spelling	Many errors in grammar and/ or spelling

