

Reversible Matter vs. Irreversible Matter

Description of Project:

The third-grade students will perform a demonstration on matters that can be reversed. They will also be assigned an item and explain why the matter cannot be reversed. Student's will select from a drawing basket which item demonstration they will be required to demonstrate. Student's should bring all items/ingredients they will need for their demonstration to class. Student's should know the lesson's vocabulary and meaning and how it pertains to their demonstration. A camp burner, measuring equipment, storage equipment, and refrigerator/freezer will be provided. All demonstrations will be supervised by an adult. Items for irreversible demonstration will be provided by the teacher. These items will be given a week before demonstration projects begin. Grades will be based on points earned from the rubric.

Directions

Demonstration of Reversible Matter

- You will gather all items/ingredients listed according to your selected reversible item.
- You should research your item to see the steps needed for demonstration.
- Thorough notes should be written before demonstration and turned in before the demonstration.
- Use 4 of the vocabulary words in your notes and give the meanings.

Irreversible Matter Paper

- You will type a 2-page paper (Arial Font, 12 pt., double-spaced) on why the item selected is irreversible.
- You should include which stages of matter the item goes through, in the correct order, before becoming irreversible.
- Give your paper a unique and creative title.
- An image should be placed at the beginning of the paper to show the first stage matter.
- An image should be placed at the end of the paper to show the final stage of matter.
- Use the remaining 4 vocabulary words and describe them.
- Use correct spelling, capitalization and punctuation.