

# Middle School STEM Activity

**Subject:** Physics

**Topic:** Heat Transfer

## ***Objective***

Students explore and understand heat transfer concepts.

## ***Learning Outcomes***

- Understand heat transfer
- Develop critical thinking
- Apply STEM knowledge
- Work collaboratively

## ***Materials***

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

## ***Activity Steps***

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

## ***Observation/Notes***

Observation	Notes

## ***Discussion Questions***

- What is heat transfer?
- Why is it important?
- Where is it used?
- What did you discover?

## ***Extension Activity***

Create a mini project related to heat transfer and present.

## Heat Transfer Diagram

