



Virginia Region II Annual Teacher Night at Jefferson Lab 2025

Activity Title: **Melting Blocks**

Type: Demonstration (Demo)

Grade Level: Grade 5

Time Allotment: 30-45 minutes

Objectives with Correlated SOLs:

5.7 The student will investigate and understand that matter has properties and interactions. Key ideas include

c) energy has an effect on the phases of matter.

5.2 The student will investigate and understand that energy can take many forms. Key ideas include

d) energy is conserved.

Materials List (including equipment):

- 4 or more ice cubes of the same size
- 1 pair of melting blocks with rubber O rings
- Digital timer
- Paper towels
- IR thermometer

Teacher Contact Information:

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