



Virginia Region II Annual Teacher Night at Jefferson Lab 2025

Activity Title: **Ice Cream & Freezing Point Depression Lab**

Type: Student Activity

Grade Level: Grade 8

Time Allotment: 90 mins

Objectives with Correlated SOLs:

PS.3 The student will investigate and understand that matter has properties and is conserved in chemical and physical processes. a) pure substances can be identified based on their chemical and physical properties; b) pure substances can undergo physical and chemical changes that may result in a change of properties

Materials List (including equipment):

- Nondairy creamer (singles)
- Clear Containers with lids
- Sodium chloride (Ice Cream Salt)
- Digital thermometers
- Ice
- Water
- Paper towels

Teacher Contact Information:

India Burroughs

iburroughs@hampton.k12.va.us