



Virginia Region II Annual Teacher Night at Jefferson Lab 2025

Activity Title: **Edible Element Exploration**

Type: Student Activity

Grade Level: Grade 8

Time Allotment: 1 class period

Objectives with Correlated SOLs:

PS.1 The student will demonstrate an understanding of scientific and engineering practices by

e) developing and using models

- construct, develop, and use models and simulations to illustrate and/or explain observable and unobservable phenomena

PS.4 The student will investigate and understand that the periodic table is a model used to organize elements based on their atomic structure. Key uses include

a) symbols, atomic numbers, atomic mass, chemical groups (families), and periods are identified on the periodic table

Materials List (including equipment):

- Candy/mini marshmallows/beads
- Worksheets

Teacher Contact Information:

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