

## Integrated Science Lesson Plan Format

### **Title (optional)**

Describe the lesson in one phrase.

### **Grade Level**

Identify the grade level at which the lesson is aimed.

### **Benchmarks (Michigan Curriculum Framework)**

List the MI Curriculum Framework Science Benchmarks that the lesson addresses, including the letter/number designation and the complete description.

### **Objectives**

Write a statement that describes what the students should know, be able to do, or value at the completion of the lesson (not activities students engage in during the lesson).

Objectives must:

- be written with the form – “A STUDENT WILL BE ABLE TO...”
- be a measurable student outcome.
- be matched to the appropriate benchmarks/goals.
- guide the development of the assessment and lesson procedure.

### **Materials and Setup**

List all materials needed to teach the lesson including:

- how many/how much of each.
- the source of supplies not available at typical stores (Meijer or Target).
- how materials will be prepared, distributed, and managed throughout the lesson.

### **Safety**

Describe applicable chemical, electrical, biological, and general safety precautions, disposal procedures, and required safety equipment (goggles, aprons, gloves, etc.).

### **Requisite Knowledge/skills for students**

Describe the critical content knowledge (beyond the obvious) students should already possess for this lesson to be successful.

### **Procedure**

Describe class activities pointing out what students and teacher does during the lesson in enough detail to guide other teachers. Lessons may span one or more class meetings. Give time estimates (in minutes) for Engage, Explore, Explain, and Elaborate.

### Engage:

An activity (questions, demonstration, video clip, etc.) that captures the students’ interest and elicits students’ prior knowledge related to the concepts in the lesson.

- Aligns with lesson objectives
- List questions that the teacher can ask during the activity to:
  - Generates interest and curiosity

# Integrated Science Math Lesson Plans

**Arturo Cuomo**



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