

# This Week in Science: # 6

Name:

Dates:

Task:

There's no system foolproof enough to defeat a sufficiently great fool.

*Edward Teller*

**Terms:** pure, mixture, characteristics, dissolve, aqueous, soluble, insoluble, uniform composition, saturation, recrystallization

**Monday:**

Activity: Lab 11

Learning Target: I can distinguish between pure substances and mixtures

Conceptual Question: What is a pure substance, and how can it be distinguished from a mixture?

What's Due: Nothing

**Tuesday:**

Activity: Lab 12

Learning Target: I can identify some characteristics of solutions

Conceptual Question: What property of matter determines the type of mixture formed when pure substances are mixed with water?

What's Due: Lab 11

**Wednesday:**

Activity: Silent reading & Begin Lab 13

Learning Target: I will design and conduct an experiment to determine solubility

Conceptual Question: What is a saturated solution?

What's Due: Lab 12

**Thursday:**

Activity: Finish Lab 13

Learning Target: I can determine the solubility of solutes

Conceptual Question: Are different substances equally soluble in water?

What's Due: Lab 13

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## Answers to Conceptual Questions:

Monday:

Tuesday:

Wednesday:

Thursday: