

# This Week in Science: # 9

Name:

Dates:

Task:

*Men love to wonder, and that is the seed of science.*

~Ralph Waldo Emerson

**Terms:** chromatography, metal, metallic, alloy, solder , composition

**Monday:**

Activity: Labs 17.1 & 17.2

Learning Target: I will use chromatography to separate solutes in inks.

Conceptual Question: What does the chromatography paper separation technique indicate about an ink solution?

What's Due: Nothing

**Tuesday:**

Activity: Lab 17.3

Learning Target: I will apply chromatography to perform a comparative analysis of solutions.

Conceptual Question: How could you identify whether two sources of inks originate from the same mixture?

What's Due: Nothing

**Wednesday:**

Activity: Silent Reading and 'Strategies for Multiple Choice Questions'

Learning Target: I will learn and apply several strategies to the provided WASL preparation questions.

Conceptual Question: Which strategies can I apply to which questions?

What's Due: Lab 17

**Thursday:**

Activity: Labs 18.1 & 18.2

Learning Target: I will know that melting & boiling points change with the concentration of solutions.

Conceptual Question: How do the properties of a mixture differ from the properties of the individual components of the mixture?

What's Due: Nothing

**Friday:**

Activity: Lab 18.3

Learning Target: I will determine the effect of concentration and composition on the melting point of a tin alloy.

Conceptual Question: How does the concentration levels affect the melting points of different alloys?

What's Due: Nothing

***Your next test, covering Labs 11-18, is tentatively scheduled for Friday, November 9th.  
We will spend several days next week reviewing.***

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## Answers to Conceptual Questions:

Monday:

Tuesday:

Wednesday:

Thursday:

Friday: