

**Record Sheet 1**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

The unknown mixture is labeled \_\_\_\_\_

**Unknown Mixtures Test Results Table**

What I Did	What Happened
<p><b>What I Think It Is</b></p>	<p><b>Why I Think So</b> <b>(Give two or more reasons)</b></p>

**Chemical Tests:**  
**Student Self-Assessment**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. Write down two or three important things you have learned from doing the *Chemical Tests* unit.
2. How did you feel about working with the chemical testing materials in the unit? Did your feelings about the materials change as you worked through the unit? If so, give some examples.
3. Write down some activities in the unit you enjoyed. Explain why you liked them.
4. Were there any activities in the unit that you didn't understand or that confused you? Which ones? Why were they confusing?
5. Take another look at your record sheets and your science notebooks. Describe how well you think you recorded your observations and ideas.
6. How well do you think you and your partners worked together? Give some examples.
7. How do you feel about science now? Circle the words that apply to you.
  - a) Interested
  - b) Nervous
  - c) Excited
  - d) Bored
  - e) Confused
  - f) Successful
  - g) Write down one word of your own \_\_\_\_\_

## Chemical Tests: Observations of Student Performance

STUDENT'S NAME:	
<b>Concepts</b>	<b>Observations</b>
<ul style="list-style-type: none"><li>• Common household chemicals have different physical and chemical properties.</li><li>• Chemicals undergo changes in form, color, or texture when they are mixed together, separated, or heated.</li><li>• Some chemicals can be identified by their interaction with water, vinegar, iodine, red cabbage juice, and heat.</li><li>• Different types of mixtures, such as solutions or suspensions, are created when solids are combined with water.</li><li>• Evaporation and filtration are methods for separating mixtures of solids and liquids.</li><li>• Some chemicals can be classified as acids, bases, or neutral substances by their reactions with red cabbage juice.</li></ul>	
<b>Skills</b>	
<ul style="list-style-type: none"><li>• Observing and describing properties of materials.</li><li>• Learning to perform different physical and chemical tests.</li><li>• Predicting, observing, describing, and recording results of tests.</li><li>• Analyzing and drawing conclusions from the results of tests.</li><li>• Comparing and contrasting test results to define the properties of household chemicals so they can be identified.</li><li>• Supporting conclusions with reasons based on experiences.</li><li>• Communicating results and reflecting on experiences through writing and discussion.</li><li>• Applying previously learned knowledge and skills to new situations to solve a problem.</li><li>• Reading to enhance understanding of chemistry concepts.</li><li>• Developing proper lab techniques to ensure safety and avoid contamination.</li></ul>	