

<b>Activity</b>	Intro to Mixtures and Solutions
<b>Time</b>	Approximate time to complete this activity 30 min.
<b>Materials</b>	<ul style="list-style-type: none"> <li>• Material 1 – Trays</li> <li>• Material 2 - Clear plastic cups</li> <li>• Material 3 – Trail Mix</li> <li>• Material 4 – Powdered Drink Mix</li> <li>• Material 5 – Water</li> <li>• Material 6 – Salt</li> <li>• Material 7 – Sugar</li> <li>• Material 8 – Powdered Cocoa</li> <li>• Material 9 – Milk</li> <li>• Material 10 - Yogurt with fruit mixed in</li> <li>• Material 11 - Mixed fruit salad</li> <li>• Material 12 - Sand</li> <li>• Material 13 - Marbles</li> <li>• Material 14 – Pepper</li> <li>• Material 15 – Plastic spoons</li> <li>• Material 16 – Recording sheet</li> </ul>
<b>Guiding Questions</b>	
<p>A. Question 1 –What is a mixture?          B. Question 2 - What is a solution?          C. Question 3 – How do you separate a mixture?          D. Question 4 – How do you separate a solution?</p>	
<b>Plan</b>	
<ul style="list-style-type: none"> <li>• Plans for part 1 of activity:             <ul style="list-style-type: none"> <li style="text-align: center;"><i>Recording Sheet and pencils</i></li> <li>○ Guiding Questions to ask during this part of the activity: <i>Is this a mixture or a solution? How do you know?</i></li> <li>○ Anticipated Student Responses to guiding questions:</li> </ul> </li> <li>• Plans for part 2 of activity – <i>class discussion of observations</i> <ul style="list-style-type: none"> <li>○ Guiding Questions to ask during this part of the activity: <i>Which stations were mixtures? Which were solutions? What is the difference between a mixture and a solution?</i></li> <li>○ Anticipated Student Responses to guiding questions:</li> </ul> </li> </ul>	
<b>Differentiation</b>	<ul style="list-style-type: none"> <li>• Strategy 1 Students will work in groups</li> <li>• Strategy 2 Prepared lab sheets</li> </ul>
<b>ELL Modification</b>	<ul style="list-style-type: none"> <li>• Modification 1 Visuals</li> <li>• Modification 2 Social interaction</li> </ul>
<b>Check for Understanding</b>	Class discussion