

Grade Level: 5th Grade_ Subject Focus: Mixture and solution Date: 6/12/2020

<p>Georgia Standard of Excellence (GSE)</p>	<p>S5P1a. Plan and carry out investigations of physical changes by manipulating, separating and mixing dry and liquid materials.</p>
<p>Learning Target(s) Targets must be aligned to the GSE and with the assessment(s); targets should be stated as measurable (e.g. 'I can' statements for students).</p>	<ol style="list-style-type: none"> 1. I can identify what a mixture is. 2. I can identify what a mixture is. 3. I can demonstrate what the difference is between a mixture and solution.
<p>Materials What resources will be needed to engage students? Be as precise as possible</p>	<p>Resources Needed:</p> <ul style="list-style-type: none"> • Cooking Oil (any cooking oil is acceptable) • Food Coloring • Alka Seltzer Tablet • Clear Jar or Clear Bottle • 2 Bottle of water
<p>Oxbow @ Home Project Describe your project. Include the steps and directions that students and/or parents would need to follow</p>	<p>For my project, I decided to create a lava lamp. The lava lamp will be used to demonstrate the difference between a mixture and solution. The lava lamp will also be a fun activity that kids can do in their home with their parents.</p> <p style="text-align: center;">How to make a Solution:</p> <ol style="list-style-type: none"> 1. You first get one of the water bottles and pick out a food coloring of your choice. 2. You next add 10 drops of coloring into the bottle. 3. Shake the bottle 4. Now you have a solution <p style="text-align: center;">How to make a mixture:</p> <ol style="list-style-type: none"> 1. Fill up your jar halfway with cooking oil 2. Next bring your other water bottle and fill the rest of the jar up with the water 3. Add 10 drops of coloring of your choice 4. You will then drop one the Alka Seltzer tablet into the jar 5. Now you start to notice the lava lamp coming to form and you have created a mixture

**** Also attach a word document/movie/some sort of tangible product. Worksheets, puzzle pieces, game boards, etc... need to also be included as a word document or a printable pdf.**

The total amount of material uploaded to CougarVIEW and emailed to Ms. Johnson should be 5-10 pages. Please use as few attachments as possible.