

TASK	INSTRUCTIONS	DATA
1	<p><u>Silly Putty</u></p> <ol style="list-style-type: none"> 1) Use the pipet and a graduated cylinder to measure out 5mL of Na₂B₄O₇ solution (Borax). 2) Add Borax solution to zip lock bag of glue. 3) Close zip lock bag and mix together. 4) Once the reaction is complete dispose of the zip lock bag in the trash can. 5) Rinse the graduated cylinder with distilled water. 	<p><u>Circle all that apply:</u></p> <p>Color change Formation of a precipitate</p> <p>Formation of a gas Temperature Change</p> <p>Light emitted</p> <p><u>Observations:</u></p>
2	<p><u>Changing Water</u></p> <ol style="list-style-type: none"> 1) Fill two small test tubes with salt solution from the Tupperware container– make them as full as possible! 2) Quickly and carefully flip the test tubes over so the opening is covering the pointy end of the thumb tacks. 3) One person holds the test tubes in place while another person holds the D-Battery upright with prongs showing. 4) While still holding the test tubes lift the Tupperware and place it on top of the battery so that both of the battery prongs make contact with the flat side of both thumbtacks – one thumbtack per battery prong. 5) When the reaction has proceeded for a few minutes remove the Tupperware from the batteries and empty the test tubes. Place the test tubes back on the tray. 	<p><u>Circle all that apply:</u></p> <p>Color change Formation of a precipitate</p> <p>Formation of a gas Temperature Change</p> <p>Light emitted</p> <p><u>Observations:</u></p>
3	<p><u>Yellow Rain</u></p> <ol style="list-style-type: none"> 1) Add 5mL of the potassium iodide to the small beaker – use the green pipette and graduated cylinder. 2) Using the yellow pipette to add lead (II) nitrate to the small beaker of potassium iodide – add it drop by drop! 3) IMPORTANT – dispose of the waste in the waste jug at the front of the classroom!!! Cannot go down the drain!!! 	<p><u>Circle all that apply:</u></p> <p>Color change Formation of a precipitate</p> <p>Formation of a gas Temperature Change</p> <p>Light emitted</p> <p><u>Observations:</u></p>
4	<p><u>“Silver” Penny</u></p> <ol style="list-style-type: none"> 1) Using the tongs place the penny in the zinc hydroxide solution in the crucible – make sure your penny is completely immersed in the solution! 2) Wait three minutes. 3) Using the tongs remove the penny from the solution – if it is not finished reacting put it back in for an additional two minutes. 4) Using the tongs rinse your penny in the large beaker of water to remove the zinc hydroxide – you do NOT want to touch the zinc hydroxide!!! 	<p><u>Circle all that apply:</u></p> <p>Color change Formation of a precipitate</p> <p>Formation of a gas Temperature Change</p> <p>Light emitted</p> <p><u>Observations:</u></p>
5	<p><u>Fire!</u></p> <ol style="list-style-type: none"> 1) Light the Bunsen Burner. 2) Turn off Bunsen Burner. 3) Watch the following video: 	<p><u>Circle all that apply:</u></p> <p>Color change Formation of a precipitate</p> <p>Formation of a gas Temperature Change</p> <p>Light emitted</p> <p><u>Observations:</u></p>