



STATE OF DELAWARE  
DEPARTMENT OF EDUCATION  
401 FEDERAL STREET, SUITE #2  
DOVER, DELAWARE 19901-3639




TO: ALL OFFERERS  
FROM: DE DEPARTMENT OF EDUCATION  
SUBJECT: ADDENDUM TO REQUEST FOR PROPOSALS –  
CONTRACT NO. DOE2019-14 SCIENCE KITS & REFURBISHMENT MATERIALS  
AND SERVICES




**ADDENDUM #1 - May 6, 2019**



DDOE is providing further clarification on specific items and including additional packaging information for clarity. Appendix C – Pricing Spreadsheet has also been updated to reflect the additional information.




If you have any questions, please contact [Meaghan.Brennan@doe.k12.de.us](mailto:Meaghan.Brennan@doe.k12.de.us)

**Additional item and packaging descriptions:**

Item image	Item Description	Packaging Options
	<p><b>Distilled Water</b></p> <p>Must be pure H<sub>2</sub>O, not spring water or other variation. Experiments will not work.</p> <p>Larger bottles must be in a rigid container so that it will not bust during transportation. A standard “milk jug” style container with a pull top lid <u>will not work</u> for our application.</p>	<p>Small dropper bottles, 100-150 ml</p> <p>Large bottles, 3L</p>
	<p><b>Vegetable Oil</b></p> <p>Must be standard household brands so that the product falls under the Consumer Product Safety Act.</p>	<p>Large, 64 oz container with pour top</p> <p>Small, 16 oz container</p>
	<p><b>Lemon Juice</b></p> <p>This item goes bad very quickly and/or separates and the experiments do not work properly. The items will need to be purchased in smaller quantities, but more often to minimize “shelf life” time.</p> <p>Must be standard household brands so that the product falls under the Consumer Product Safety Act.</p>	<p>Small, 15-16 oz containers</p>

	<p><b>Liquid dishwashing soap</b></p> <p>This items must be a medium to dark yellow color for the experiments to work properly. Lemon AJAX has been the default item for refurbishment.</p> <p>Must be standard household brands so that the product falls under the Consumer Product Safety Act.</p>	<p>Small to Medium, 12-16 oz containers.</p>
	<p><b>Cornstarch</b></p> <p>This item must be pure, regular cornstarch. It must be packaged in a rigid container and not in the traditional cardboard container as it typically bust during shipment. The rigid plastic container from Argo has been used in refurbishment.</p> <p>Must be standard household brands so that the product falls under the Consumer Product Safety Act.</p>	<p>Standard container, 16 oz</p>
	<p><b>Vinegar</b></p> <p>Standard household strength white vinegar is used in multiple science kits for aceatic acid. The concentration of acid is typically 5%.</p> <p>All bottles must be rigid plastic, <u>no glass</u> can be shipped in science kits.</p> <p>Must be standard household brands so that the product falls under the Consumer Product Safety Act.</p>	<p>Small dropper bottles, 100-150 ml</p> <p>Medium bottles, 250 ml</p> <p>Large bottles, 1000 ml (32 oz)</p>

	<p><b>Food Coloring, Black</b></p> <p>This food coloring must be the “black candy” variety so that it will work in the experiments. A traditional black food coloring will not work properly.</p>	<p>Small dropper bottle, 100 – 150ml (2 oz)</p>
	<p><b>Iron Filings</b></p> <p>The iron filings must be #40 mesh and in rigid containers that can be sealed during shipping. Traditional screw-on style caps are acceptable.</p> <p>For one science kit the top must be perforated so that it becomes a “shaker” when opened. Students sprinkle iron filings over magnets, so it is essential that the top have small enough openings to create a shaker container similar to a pepper shaker.</p>	<p>Small, 150 – 250 g containers</p> <p>Some containers will need perforated tops, others will need to be void any perforated tops.</p>

	<p><b>Toothpicks</b></p> <p>Typically science kits use round, standard toothpicks. To prevent damage during shipping a hard plastic container is required. We have been using a store brand that is packaged in a plastic circular container that hold us during shipping. The traditional small cardboard containers will not work in most cases. Some science kits use flat toothpicks, so flat and round must be options.</p>	<p>Small containers, 250 toothpicks (round)</p> <p>Small containers, 250 toothpicks (flat)</p> <p>Large containers, 500-800 toothpicks (round)</p>
	<p><b>Ruler &amp; Measuring Tapes</b></p> <p>Rulers vary in many science kits. Standard 12 inch rulers are the norm, but other variations are needed to ensure the experiments work correctly.</p> <p>Flat plastic rulers must have a ridge down the middle as students roll golf balls down the ruler and the rulers act as a ramp.</p>	<p>Plastic 6 inch rulers</p> <p>Foldable tape measures, metric and US measurements (approx. 1 meter length)</p> <p>Roll up style tape measure, metric and US measurement (approx. 5 meters in length)</p>
	<p><b>Timers</b></p> <p>All science kits use MyChron brand timers in boxes of 12 timers.</p>	<p>Plastic box of 12 timers</p>