


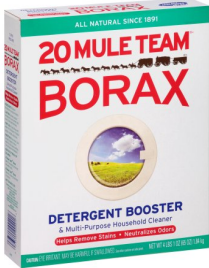
## Unit 7.3 Materials List

Consider this a “Teacher’s Shopping List”. This list contains the physical materials that must be acquired to complete the unit’s lesson activities.

The materials are separated by consumables and non-consumables. Quantities per class listed are the maximum quantities you will need for one class assuming a class of 30 students. Some lesson plans call for items which are very likely to be available “at hand” either from the classroom, the school, or from home. Usually, these items don’t have to exactly match the list, but can be any of a group of items which suit the need. Such items are not listed here, but are identified in the lesson plans.

**A note on printed materials:** Handouts, student guides, other paper materials and electronic resources are not listed here. Please refer to individual lesson plans for the most up-to-date links for these items to determine an actual page count of printed materials needed for a particular lesson.

<b>Consumable Materials</b>		
<b>Description</b>	<b>Total Quantity Needed per class</b>	<b>Lesson</b>
Folders	30	all
Science Journal	30	all
<a href="#">Large “Post-It” chart paper</a> (substitute butcher paper with tape, or student whiteboards)	~30 charts/unit, or 8 white boards	L1 (and others)
Markers	10	L1
Gloves - pair (non-latex)	68	L3, L4, L5
Paper Lunch Bags	16	L4
Playing Cards Deck	1	L4
Popcorn (Large Bag - Popped)	1	L4
Large Spoons (same size)	8	L4
Paper Towel Roll	1	L4, L5

Corn Starch (16 oz box = 56 Tablespoons)	2	L5
Dixie Cups (5 oz.)	15	L5
Popsicle Stick/Stirring Stick (plastic or metal spoons also work)	15	L5
Sticky Notes (optional) 3 colors	30	L5, L8
Glue (Elmer's multi-purpose "Glue All", NOT washable) 	1 gallon	L6
Borax powder (e.g. 20 Mule Team) 	1 65 oz box	L6
Permanent Marker	1	L6
Craft Sticks or spoons	1	L6
Canned Soda 6-Pack (or substitute any covered container to hold cold liquid - e.g. plastic bottles)	1	L7
Graph Paper, 8.5" X 11" ¼ inch grid (or use a link to printable pdfs)	30	L7

<b>Non-consumable Materials</b>		
<b>Description</b>	<b>Quantity per class</b>	<b>Lesson</b>
Safety Glasses	30	L3
Large Bowl (e.g. 15" mixing bowl)	1	L4
Measuring Spoon ( ~ tablespoon/student group)	8	L5
Bucket	2	L5
Foam Board Insulation Samples (size?)	10	L5
Fiberglass Insulation Samples	10	L5
Rockwool Insulation Samples	10	L5
Cellulose Insulation Samples	10	L5
Glass Cup	1	L7
Thermal Cup (e.g. travel mug)	1	L7
Styrofoam Cup	1	L7
Ceramic Cup (e.g. coffee mug)	1	L7
Wool Sock	1	L7
Cotton Sock	1	L7
Aluminum Foil Roll	1	L7
Plastic Wrap Roll	1	L7
Thermometer (e.g. Fahrenheit/Celsius 12" alcohol)	6	L7
Plastic Tray or container lid (similar size to below)	1	L7
Metal Tray or container lid (similar size to above)	1	L7