

Thermodynamics in Earth's Systems

Included Items**Lesson**

1	Dot stickers, green	1 sheet
1	Dot stickers, yellow	1 sheet
1,2	Earth squeeze ball	19
3	Plastic wrap	1
3	Fizzing tablets	9 pks
3,4	Modeling clay	3
3,6	Heat lamp	3
3,6	Heat lamp bulb	3
3,9,10,11	Digital thermometer with metal probe	9
4	20-ounce plastic cups (replaces 24 oz)	8
4,9	Food coloring (red/yellow/green/blue, 1 oz bottles)	1 ea
4,11	Zip sandwich bags	28
6	Black construction paper	3 sheets
6	Thick string or cord	1
6,9	White construction paper	3 sheets
9	Table salt	1
9	8 mL disposable plastic pipette	11
9,10	24" x 32" graph chart paper (1" grid)	1 pk
11,10	Insulated cups with lids	16

Sold Separately**Suggested
Quantities****Available at wardsci.com
Part #****Lesson**

9	Digital scale	8	470354-656
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	Locally Sourced Items	Suggested Quantities	Available at wardsci.com Part #
Lesson			
	Lined paper/ loose leaf paper	1	N/A
3	16 oz plastic water bottles	9	470041-004
4,11	Insulated cooler, 30 qt. or bigger	1	N/A
4,11,9,10	Ice cube trays or maker	2	470232-092
9	Empty gallon container with lid	4	use the distilled water container
9	Distilled water	4 gallons	470200-788
10	Whiteboard or chart paper	1 pk	470149-864

	Std. Lab/Class Equipment	Suggested Quantities	Available at wardsci.com Part #
1	Dividers	105	470094-744
1,3,5,7	Sticky notes	3 pk	470337-265
1,4,6	Clear plastic ruler	8	470313-082
3	Rubber bands	1 pk	470003-340
3,4,6,9	Clear tape	8 rolls	470223-174
3,6	Timer	3	470151-280
3,9	100-mL graduated cylinder	8	470174-198
4,5,6,9,10,12	Chart paper	1 pk	470149-864
3,4,6,9,10,12	Chart paper markers	2 pk	470338-508
4	Ultra fine tip permanent marker	8	470153-994
4	250 mL Beakers	18	470211-748
4,12	Scientific calculator	35	470349-970
6	Scissors	3	470018-874
6	Stapler	1	470019-782
9	1000 mL beaker	1	470310-776