

Unit 8.6 Materials List

Updated 6/9/2017

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.

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.

Consumable Materials		
Description	Total Quantity Needed per class	Lesson
Science Journals	30	all
Colored Pencils or Markers	30	L1, L2, L8
Large Chart Paper	2	L1,L2
Red Colored Pencils or Red Markers	30	L2
Yellow Colored Pencils or Yellow Markers	30	L2
Materials for River Valley Models:		L2
Small Aluminum Foil Pans * <i>may be square or rectangular; small pans are suggested because less clay is required to create topography</i>	8	L2
5 lbs. of Air-dry Clay (to create topography)* <i>may use an equivalent volume of spray foam or other clay instead</i>	4	L2
Optional for decoration: Blue and Green Waterproof Paint (small bottle) or Blue Painters Tape Roll	1	L2
10 small pieces of Styrofoam no thicker than 1”	8	L4

Insulated Styrofoam cups	40	
Balloon	1	L7
Spaghetti (1 lb box)	2	L7
Mini-Marshmallows (bag)	2	L7
Transparent Tape Roll	2	L7
Toothpicks (box)	4	L7
Cereal Boxes (empty)	4	L7
Dirt (4 cups)	8	L7
Sand (4 cups)	8	L7
Potter's Clay (4 cups)* (optional)	8	L7
Bag of Rubber Bands - varying size	1	L7
Poster Paper	10	L8

Non-consumable Materials		
Description	Quantity per class	Lesson
Dice	8	L2, L3
Plastic Cup that can be punctured	8	L2
5-Gallon Bucket to collect waste materials	4	L2, L7
4- Plate Tectonic Maps Printed 11 x 17" in Color	8	L4
Small plastic cup	8	L4
Plastic pipette	8	L4
Clear baking dish or plastic bin, at least 3" deep	8	L4
Deck of 52 Cards or Index Card Pack	1	L7
Plastic or Metal Tray (at least 3" deep)	7	L7
Hairdryer	1	L7

Spray Bottle	1	L7
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Equipment		
Description	Quantity per class	Lesson
Earthquake Machine * <i>a simple machine that demonstrates the causes of earthquakes; materials for construction listed below:</i>	1	L4
4" x 4" wooden blocks, cut from 2" x 4" scrapwood	2	L4
4" x 36" sanding belt, 50 grit	1	L4
½ Sheet of sandpaper, 60 grit	1	L4
Screw eye #12 x 1- 3/16	2	L4
Waxed cloth tape measures in both English and metric markings (*narrow <1"- wide metric-only measuring tapes can be substituted)	2	L4
Needle Nose Pliers	1	L4
Scissors	1	L4, L7
Staple Gun	1	L4
Box of Staples for Staple Gun	1	L4
Manilla folder	1	L4
Duct Tape Roll	1	L4
Glue (white or contact cement)	1	L4
Pencil	1	L4