

What You Need for the Whole Unit

Nonconsumables

☐ 30–60 ocean-related pictures clipped from magazines or calendars	(1- or 2-cup size)
☐ 8–16 (12") inflatable globes showing currents if possible	☐ 32 insulated containers—Styrofoam cups with lids or other containers
□ 8 shallow (1½" to 2" deep) clear trays or clear salad containers	☐ 32 medicine droppers
	\square 8 (16 oz.) cottage cheese-style containers
☐ 17 rocks (about ¼ brick size) or upside	□ 9 cafeteria trays
down cups	☐ 4 (9 oz.) wide-mouthed, clear plastic cups
☐ 2 large clear deli salad containers or glass baking pans no larger than your overhead can project: about 8" x 8"	pouring container with 3–4 cups of water
☐ Pacific Rim Map to make transparency, page 45	 graduated cylinder or other measuring device
☐ world map that includes the Pacific Rim	☐ 2 identical plastic jars
(large inflatable globe is best)	☐ 16 overhead transparencies,
\square 1 each of 1A and 1B Station directions,	pages 109–124
page 63	\square damp cloth to erase transparency pens
☐ 1 each of 2A and 2B Station directions, page 64	posters, charts, and Key Concepts from previous sessions of the <i>Ocean Currents</i>
☐ 1 each of 3A and 3B Station directions, page 65	unit
☐ 4 (12–16 oz.) clear plastic, straight-sided	Optional Nonconsumables
identical water bottles with threaded	□ large (24"–36") inflatable globe
mouths about 1" in diameter	☐ pump to inflate large globe
☐ 4 tornado tubes (or Vortex Tubes)	audiotape of ocean sounds and tape player
\square 4 dish towels (white preferred)	□ videotape of ocean scenes and VCR or slides and projector
\square 4 yogurt lids with the rims cut off	
\square 4 (6–8 oz.) paper or Styrofoam cups	☐ miscellaneous posters showing marine
☐ 2 containers—approximately six quart, clear, rectangular, such as a plastic shoe box	life and ocean scenes
	world atlas or other geography resources
	☐ 2 funnels
☐ 4 thermoses with at least 3-cup capacity each	☐ spring or balance scale
☐ 1 sharp knife for slicing potatoes	

Consumables	General Supplies
□ 8–16 Global Exploration student sheets, pages 22–24	\square about 40 sheets of 27" x 34" chart paper
	☐ masking tape
□ 8 World Map of Currents data sheets, page 27	☐ markers (wide tip, water-based: yellow, black, brown, blue, green, orange,
\square 32 Waste Disposal data sheets, page 44	red, blue)
☐ tap water	☐ overhead projector
hot water (about 100°F–110°F, which is not quite the hottest available from a home faucet)	☐ newspaper
	\square 8 sheets of 8½" x 11" white paper
 _ very, icy-cold, refrigerated water _ room temperature water □ vials of food coloring: 1 each of yellow and green, 2 each of red and blue 	☐ about 70 drinking straws
	☐ 1 sandwich baggie
	\square 1 blue permanent marker
	□ scissors
☐ 24–26 ice cubes	☐ 2 tablespoons
☐ 8 Student Explorations with Waste Disposal student sheets, page 43	☐ 4 push pins
	☐ more than 20 marbles
☐ 64 Prediction data sheets, page 66	□ 11 stir sticks
☐ 32 Current Trends data sheets, pages 67–69	☐ paper towels
☐ 1 box of salt (kosher preferred)	☐ transparency pens
•	☐ several sheets of 8½" x 11" paper ☐ pens or pencils
☐ less than a tablespoon of oil	
□ 8 medium-sized, raw potatoes	Optional General Supplies
☐ 16 Density Layers Plan student sheets, page 82	☐ 6–10 sentence strips or cards
☐ 16 Density Layers data sheets, page 83	

 \Box station sheets 1–11, pages 125–135

☐ 32 Surface Currents maps, page 109, or Deep Currents maps, page 110

□ student maps, pages 105–108