

Geosciences 342: Lab Activity on Convection

Materials Needed for This Lab (Per Table):

Item
Galilean thermometer (optional)
2 liter-size glass beakers
2 eye droppers
Electronic thermometers
2 insulated gloves (right and left)
Box of matches
Blue food coloring, in plastic bottle
Red food coloring, in plastic bottle
One ring stand set-up; use the heavyweight ones only
Wire screen
Stirring rod
Bunsen burner
Electric immersion heater
Package of powdered Miso cup soup
Bottle of motor oil and corn syrup
2 clear "pill bottles," each with a cap with two holes in it
Large paperclip
Black overhead transparency pen
4 red pencils
4 blue pencils
Small clear glass bottle, filled with green-colored water, capped with a rubber stopper that has a glass eye dropper inserted into the hole
Piece of blank white paper
Hot plate