

LAB Materials List

Physical and Earth Sciences 2 (SCIH 022 059)

The lab experiments in this course are designed so that they may be successfully completed using the items listed. If you do not have access to the exact items on this list, you may substitute comparable items in the experiments. * Items marked with asterisk are available in the lab kit which can be purchased from Follett for this course. If you have the items, you do not need to purchase the lab kit.

Suggested household and other common materials necessary to complete the labs in this course are:

several sheets of plain white paper (like printer paper)

100-mL beaker (or glass container)

400-mL beaker (or glass container)

large measuring cup or container (approx. 2 cups)

ice cubes

food coloring (a few drops)

vegetable oil (10 mL)

corn syrup (10 mL)

aluminum foil

steel nut (or other small metal object)

whole peppercorn (or other small, similar seed)

*8 balloons

wool cloth (or item of wool clothing)

hot plate (or kitchen stove)

small box of baking soda

vinegar (200 mL)

15 index cards (or paper rectangles)

200 pennies (or other two-headed coins or tokens)

shoe box (or other small box with a lid)

2 sugar cubes

400 mL distilled water

*Celsius thermometer

table salt (about 72 g)

*universal indicator strips (25)

white glue (10 mL)

borax laundry soap (about 100 mL)

small plastic-foam ball

1 tblsp. white rice (uncooked)

flexible plastic ruler (or you can use string, and then measure the string).

permanent marker

* Items marked with asterisk are available in the lab kit which can be purchased from Follett for this course. If you have the items, you do not need to purchase the lab kit.