

Curriculum Development

Kitchen Science Class Kit

Gr. 7-10 Students can explore the chemistry behind standard ingredients used in baking and learn how different preparation methods using the same ingredients affect the textures and flavors of foods. Perform experiments to explore physical and chemical properties of starches, sugars, proteins, and yeast, making comparisons by collecting and graphing quantitative data. Kit includes enough materials for 24 students working in groups of four. Required but not included: scale; Bunsen burner, hot plate, or stove top. Sh. wt. 8 lbs.

WA33119H — \$205.75



WA33119H

Kitchen Chemistry

Gr. 6-12 Students observe how common kitchen chemicals react by exploring physical and chemical properties of four common, unidentified kitchen solids. Then, they determine properties of each solid by using three liquid indicators. Students attempt to identify the mystery solids using their experimental results. Lab emphasizes experimental design, observation, and scientific reasoning skills. Includes enough supplies, lab guides, and worksheets for 50 students, plus an instructor's guide with MSDS. (Δ1) Sh. wt. 3.50 lbs.

WA33285H — \$89.95



WA33285H



1.

1. Beaker Set

A best-selling starter set ideal for any laboratory. Includes one borosilicate beaker each of 50 ml, 100 ml, 250 ml, 600 ml, and 1,000 ml. Sh. wt. 2.50 lbs.

SB45964H — \$22.25

2. VeeGee Glass Beaker

Large marking spot for extra convenience. Made from low-expansion borosilicate with properties equivalent to ASTM E-960 Type 1 specifications. The double graduations meet ASTM E-960 requirements with a limit error of ±5% of full capacity. 250-ml capacity. Sh. wt. 0.31 lbs.

SB17979H — \$2.00 12+ \$1.81 144+ \$1.66

3. Petri Dish

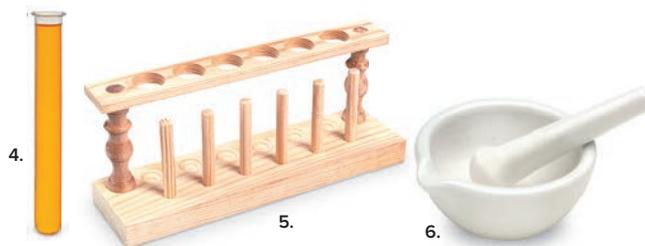
Round, disposable, sterile polystyrene. Flat bottom affords maximum area for observation of growth, enhanced by excellent optical clarity. Packed 20 per bag, 25 bags per case. 90 mm dia., 15 mm high. Sh. wt. 0.81 lbs.

SA00371H — \$5.85 25+ \$5.12

Round Glass Magnifier

General-purpose glass magnifier. Chrome rim with black plastic handle. 2-2.5 magnification. 3" diameter. Sh. wt. 0.38 lbs.

SB16441H — \$4.30



4.

5.

6.

4. Test Tubes

With sturdy lip. Made of borosilicate glass with correct wall thickness for maximum service. 16 mm dia. x 150 mm long. 24-ml capacity. Pkg. of 12. Sh. wt. 0.63 lbs.

SA08670H — \$6.60 6+ \$6.21 48+ \$5.88

5. Test Tube Rack

Rack with six drying pins. 24 mm openings. Base of heavy hardwood; designed for stability. Sh. wt. 0.50 lbs.

SB08487H — \$9.75 6+ \$8.95

6. Porcelain Mortar and Pestle

Mortar with pouring lip is glazed on the outside. Pestle is oversized for comfortable gripping and is glazed to the grinding surface. 100 mm dia., 90 mm pestle length, and a 130 ml capacity. Sh. wt. 1.25 lbs.

SB17995H — \$7.95 10+ \$6.70

Knee-Length Lab Coats

Lab coats that combine style, comfort, and value. Made of 65% Dacron and 35% finely combed cotton to withstand many washings. Features a lapel collar, double thickness cuffs, adjustable belt in back, upper left pencil-seamed breast pocket, two deep roomy lower pockets, side slit openings, and buttons. Wash and dry. White. Fabric U.S.A. Sh. wt. 1.25 lbs.

SB10912H Small (36)
SB10913H Medium (40)
SB10914H Large (42)
Each — \$21.95

Additional lab coats on page 150.

