

Inquiry Project: Grade 3 Curriculum Materials Kit List

(assume class of 24 students in 6 groups)

Qty	Item	Description	Details
6	sets of 15 items (bagged)	<ul style="list-style-type: none"> • piece of cardboard, approx 2"x2" • plastic-covered copper wire, approx 6" long • bare copper wire; approx 6" long • piece cotton cloth fabric, approx 2"x2" • wooden spoon (ice cream type) • metal spoon • plastic spoon • metal key • steel bolt (3/8" x 3" long) • 3-oz paper cup • rubber eraser • plastic counting bear • steel washer • wooden coffee stirrer • pencil 	Made by provider
6	sets of 8 materials cubes	1" x 1" x 1" cubes of: <ul style="list-style-type: none"> • oak • pine • acrylic • PVC • nylon • aluminum • copper • steel 	Available from Science First www.sciencefirst.com as part of density cube set (Part No. 611-2025)
1	aluminum cube	1" x 1" x 1" cube cut in half	Not part of above set Needs to be made by kit provider
1	pine cube	1" x 1" x 1" cube cut in half	Not part of above set Needs to be made by kit provide
6	pan balances		Invicta Plastics (www.invictagroup.co.uk); Simple Scale pan balance; Product Code 050259
1	tray balance		Ohaus School Balance; Model SB 1200

180	bears	plastic counting bears; height = approx 1" tall; weight = 4g	ETA Cuisenaire, Eureka or other – 4 grams is important Note: These are in addition to the bears in the bagged sets above.
250	washers	steel washers nominal size = 5/16" washer; inside diameter = 11/32"; outer diameter = 11/16" zinc plated; weight = approx. 2.6g	Available from McMaster-Carr, Part No. 90126A030; 1 pound box (192 pieces) = \$4.04 Note: These are in addition to the washers in the bagged sets above.
600	paper clips	large metal paper clips; approx 1-7/8" long; weight = 1.4g	
6	54 piece hexagram metric weight set	Set of 54; contains 20 each of 1g and 5g weights, plus ten 10g and four 20g weights.	
1	measure line		NumberLineBanner.pdf (the file includes printing instructions)
24	knives	heavy duty plastic knives	
1	candle	pillar candle, approximately 8cm diameter x 16cm tall (unscented)	
6	blocks	2cm x 9cm x 1cm maple block	Labeled A
6	blocks	2cm x 2cm x 5cm maple block	Labeled B
6	blocks	3cm x 5cm x 1cm maple block	Labeled C
6	blocks	3cm x 3cm x 2cm maple block	Labeled D
500	cubes	1cm x 1cm x 1cm cubes; weight = 1g; plastic, non-interlocking	
48	paper plates	12" paper plates	
6	extruded polystyrene foam prisms	extruded polystyrene foam 6" x 12" x 1"	Minimum weight per piece: 10g
1	extruded polystyrene foam prism	extruded polystyrene foam 10cm x 10cm x 20cm	
120	stirrers	wooden coffee stirrers weight = approx 0.7g 5½" x 1/4"	
3 lbs	plastic modeling clay	plastic modeling clay; non-drying, non-toxic; tan or light color	
1	aluminum foil roll	heavy duty aluminum foil; 25'	
6	trays	plastic; approx 10" x 12 ½" x ½"	

Supplies from the classroom:

- flip chart
- 24 pencils
- paper bag
- 3 boxes that appear identical but are filled with object that have clearly different weights (e.g. 3 crayon boxes – 1 filled with cotton balls, 1 filled with crayons, 1 filled with pennies)
- index cards
- 24 scissors
- variety of classroom items for weighing (e.g. stapler, ruler, board eraser, etc.)

Replacement kit:

Qty	Item	Description
6	extruded polystyrene foam prisms	extruded polystyrene foam 6" x 12" x 1"
120	stirrers	wooden coffee stirrers approx 0.7g 5-1/2" x 1/4"
3 lbs	plastic modeling clay	plastic modeling clay; non-drying, non-toxic; tan or light color