

**KIT CONTENTS LIST FOR USE WITH: Exploring Creation With Physics
2nd Edition**

Apologia Educational Ministries

Home Science Tools is not affiliated with the above curriculum publisher.

<u>Text Reference</u>	<u>Item Description</u>	<u>Item Quantity</u>	<u>Notes</u>
1-16	Apologia Physics - Text, Tests, & Key (AM-PHYSICS)		Order the Apologia curriculum if you do not already have it. We also have the textbook, solution key, tests, and CD-ROM version available separately.
ALL	Chemical Splash and Impact Safety Goggles, Adult (CE-GOGGLE1)	1	
1,4,7,10	Digital Stop Watch, 2" (ME-STOPWAT)	1	
1,5,6	Wood Ramp, economy (MC-RAMP1)	2	Use packing or other tape to tape these ramps together to make a longer ramp. Keep the taped seam smooth and place books under the seam to keep it from buckling.
1,8	Ball, steel, 0.5" (MC-BALLS2S)	1	Use as marble for module 8.
2,12	Paper, construction, 12 sheets (GS-PAPERCS)		Use black and white construction paper for module 12. Order separately or find at local supply store.
2,3,5,7,8,10,12	Ruler, 30 cm (ME-RULER)	1	
3	Clay, modeling, yellow, 4 oz. stick (GS-CLAYYEL)	1	
3,12	Protractor, 6" semi-circle (ME-PROTRSM)	1	
4,5	Rubber bands, 1.4 oz. bag (GS-RUBBAND)		Use any rubber band. Order separately or find at local supply store.
4,6,9	Tape Measure, Steel, 3 meters (ME-TAPEMEA)	1	Use instead of a meterstick for these labs.
4,9	Table Tennis Ball (PT-BALLPP)	4	
5,10	Sand, coarse, 1 lb (GS-SANDCRS)	2	Put sand in a small zip lock bag to make a "beanbag" for module 5.
5,13	Cup, clear plastic, 9 oz (PT-CUP9OZ)	3	Use in place of tub with lid.
6	Body Weight Scale, Economy (BS-BODYSCL)		Purchase if you do not have a non-digital bathroom scale. Order separately.
6	Wood block, 1.5 x 1.5 x 0.75" (GS-WOODMD)	1	
6,7	Bolt, Nut, Washer Set of 2 (GS-BOLTSET)	1	Use with small washers for module 7.
7,8	String, heavy cord, 25' (MC-STRING)	1	
7,8	Washers, 1", 5 pack (GS-WASHERS)	1	Use as mass for module 8.
8	Cardboard tube, 1-1/2" X 15" (PT-TUBE115)		Use any cardboard tube. Order separately or find at local supply store.
10	Hooke's Law spring, 10 cm (MC-SPRHOOK)	1	
10	Spring scale, 1000 g/10 Newton (BS-SCALE3)	1	
10,13,14,16	Paper Clips, small size, box (GS-PCLIPSM)		Only a few paperclips are needed. Order separately or find at local supply store.
11	Copper pipe, 1/2" diameter, 4" long (PT-COPIP04)	1	

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11	Copper pipe, 1/2" diameter, 6" long (PT-COPIP06)	2	
12	Glass Plate, 5" x 5" (CE-GLASS5)		Purchase if you not have a glass pan as shown in the curriculum. Order separately.
12	Mirror, convex, 200 mm f/l (OP-MIR4V20)		Purchase if you do not have a small make-up mirror. Order separately or find at local supply store.
12	Mirror, glass plane, 4"x 4" (OP-MIRROR3)	1	
12,15	LED Flashlight, 25 Lumens (OP-LIGHT4)		Use any flashlight available. Order separately or find at local supply store.
13,14	Balloon Set of 9 (GS-BALLOON)	1	
15,16	Battery, D, heavy duty, 2 pack (EL-BATTD2)	1	
15,16	Copper Wire, insulated, #24, 15' (EL-WIRE24H)	1	Curriculum recommends #20-14 wire but #24 will work with this experiment.
16	Compass, magnetic, 1.5" (GS-COMPASS)	1	
16	Nail assortment, 30 pieces (GS-NAILS)	1	You need one large and one smaller nail.
16	Toothpicks, pack (GS-TOOTHPI)		Only a few toothpicks are needed. Order separately or find at local supply store.

1. The products in this kit are intended for parent/teacher use to complete curriculum lab activities with students.
2. Some items are not designed for or intended primarily for children ages 12 and under.
3. Some materials and many chemicals we provide are dangerous and may be harmful if misused. With your purchase, you are assuming all responsibility for any injuries or damages resulting from the storage, use, and disposal of all materials and chemicals.
4. Some products may differ from the web image (such as clay, food coloring, etc.)
5. Some items readily available at grocery stores or not offered by Home Science Tools are not included.
6. We guarantee that you will be happy with every purchase from HST. All products are covered by our 90-day money-back guarantee.

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