

**Orders: (888)-393-5663**

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P.O. Box 425

3055 East Main Street

Danville, IN 46122

**46700 – Laboratory Equipment List  
For Alpha-Omega Grade 4**

<b>Item</b>	<b>Quantity</b>	<b>Item Number</b>
Ammonia, 50ml (Household)**	1	45055
Bar Magnet	1	46116
Beaker, glass, 250 ml	1	50653
Black Construction Paper	6	40475
Black Permanent Marker	1	40224
Cardboard (8.5 x 11)	1	40282
Cardboard Tube	1	40255
Chalk	1	40284
Cheesecloth Netting (1 sq. ft.)	1	40459-1
Clear Plastic Cups, 12oz	6	40420
Clear Tape	1	40235
Compact Disk (CD)	1	40253
Cooking Oil, 10ml	1	40241-15ml
Copper Strips (15 x 3 cm)	3	46717
Copper Wire, 3 ft. (non-insulated)	1	46712-3
Directional Compass	1	46303
Drawing Compass	1	46102
Dry Cell (9v)	1	40820
Electrostatics Kit	1	46192
Flashlight	1	40229
<b>Food Coloring, Blue</b>	1	40263
Galvanometer	1	46713
Glass Jars, 8oz	2	40275
Insulated Copper Wire, 2ft	4	40538-2
Iron Filing Tube	1	50022-1
Knife Switch	1	46714
<b>Large Nail, 3in</b>	1	40826
Mass Scale (Kitchen Scale)	1	50704
Measuring tape	1	40225
Paper Clips	3	40530
Paper Cup, 7oz	1	40525
Paper Lunch Bag	1	40327
Paper Towel	3	40450
<b>Pencil</b>	1	40239
Plastic Container	1	40451
Plastic Knife	1	40736
Plastic Spoon	1	40449
Rope, 2m (Pulley Cord)	1	45056
Rubber Band	2	40245-sm

Ruler, 12in	1	40333
Safety Goggles	1	50681
Salt, 1tsp	1	40240-1tsp
Screw	1	46177
Single Pulley	2	50531
<b>Small Blocks of Wood</b>	2	40829
Small Nail	1	40458
Spool of Thread	1	40223
Spring Scale, 250g (metric)	1	50572
Star and Planet Locator (Star Map)	1	35100
<b>Straight Pin, 5pk</b>	1	40251-5
<b>Styrofoam ball, 6in diameter</b>	1	40231-6
Sugar, 1c	1	40266-1c
Sugar, 1tsp	1	40266-1tsp
Thin Pieces of Wood	2	46104
Thin White Box	1	40232
Toy Car	1	46715
Vinegar, 4oz	1	40261-120ml
White Cotton String, 1ft	1	40544-1ft
White Cotton String, 3ft	3	40544-3
White Paper	4	40233
Zinc Strips (15 x 3 cm)	3	46718

**\*\*Caution:** This is a chemical and should be treated with the utter most respect and care. Only do the experiments contain this chemical with the supervision of an adult. Also, when handling these types of chemicals make sure you are wearing protective wear; we have included safety goggles for you to wear during these experiments. Please familiarize yourself with safety equipment. To better protect yourself you could make sure you are in a well ventilated area and wear safety gloves and even a laboratory coat.

#### FIRST AID MEASURES

##### *Ammonia*

Eye Contact: Flush with large amounts of water for at least 15 minutes. Seek medical aid.

Skin Contact: Immediately flush with large quantities of water while removing contaminated clothing.

Inhalation: Remove from exposure. If breathing has stopped or is difficult, administer artificial respiration or oxygen as needed. Seek medical aid.

Ingestion: DO NOT INDUCE VOMITING! Rinse mouth with water and give plenty of milk or water to drink. Immediately seek medical aid!

**Please check your order for any shortages and/or damaged items upon receipt.**  
**Please contact *Nature's Workshop Plus!, Inc.* for any needed replacement, and/or additional items.**  
**Please observe all safety precautions when doing experiments.**  
*Please note that exact quantities may vary slightly, and some items may not be included due to limited availability or seasonal shortages.*

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**46700 – Laboratory Equipment Guide  
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**LIFEPAC 401**

<b>Items Provided:</b>	<b>Items You Provide:</b>
Food Coloring, Blue (In LIFEPAC 406)	Fresh celery stalk with leaves on top Glass of water Knife

**LIFEPAC 402**

**There are no experiments in this unit.**

**LIFEPAC 403**

**46703**

<b>Items Provided:</b>	<b>Items You Provide:</b>
2 jars, 8oz Cheesecloth netting, 1 sq ft White Cotton String, 3ft	Kitchen strainer Broom Microscope (optional)

**LIFEPAC 404**

**46704**

<b>Items Provided:</b>	<b>Items You Provide:</b>
Pencil Large nail, 3in 2 Small Blocks of wood Measuring tape Black Permanent Marker Toy car Spring scale Screw Small Nail 2 Thin pieces of wood Drawing compass White Cotton String, 3ft 2 Single pulleys Rope, 2m (Pulley cord) Ruler (12" metric) 2 sheets of white paper (Tape these together for a 28 cm strip) Clear Tape	Poster board Hammer Large block of wood 4 Textbooks Board—1 meter long Screwdriver Piece of wood 60 cm long and 30 cm wide Broomstick cut to 60 cm 2 wood side pieces (2x2, 30 cm long) 2 kg weight Broomstick Seesaw and a friend Corrugated Cardboard (shipping box)

**LIFEPAC 405**

46705

<b>Items Provided:</b>	<b>Items You Provide:</b>
<p><b>Large nail, 3in (In LIFEPAC 404)</b>  <b>2 Small blocks of wood (In LIFEPAC 404)</b>  <b>5 Straight pins</b>            Iron filings            Bar magnet            Copper wire, 3 ft (non-insulated)            Dry cell (9v)            Knife switch            Electrostatics Kit (In box)            Friction Rods &amp; Pads (<i>In Electrostatic Kit</i>)            Balloons (<i>In Electrostatic Kit</i>)            Spool of Thread            3 Strips of copper (15 x 3 cm)            3 Strips of zinc (15 x 3 cm)            4 Strips of covered copper wire (Insulated)            Vinegar, 4oz            2 Paper clips            2 Rubber bands            Piece of chalk            White paper            Plastic Cup, 12oz (In box)            Directional compass            White Cotton String, 3ft            Galvanometer (In box)            Cardboard tube (In box)</p>	<p>Steel knife blade or scissors            Small metal objects            Penny            Nickel            Tin can            Meter stick            Stack of books            Glass            Lemon            Sharp knife</p>

**LIFEPAC 406**

46706

<b>Items Provided:</b>	<b>Items You Provide:</b>
<p><b>Food Coloring, Blue Pencil (In LIFEPAC 404)</b>            Paper cup (In box)            Plastic knife            Kitchen scale (In box)            Paper towel            5 Clear plastic cups, 12oz (In box)            Salt, 1 tsp            Sugar, 1 tsp            Cooking oil, 1 tsp            Plastic spoon            Sugar, 1c            White Cotton String, 1ft            Beaker, glass, 250 ml (In box)            Paper clip            Clear plastic container            Paper lunch bag            Ammonia, 50ml** (In box)            Safety Goggles (In box)</p>	<p>Plastic bowl            Ice cubes            Tin can            Stalk of celery            Small pan            Water            Raw potato            Bottle of perfume</p>

## LIFEPAC 407

46707

Items Provided:	Items You Provide:
Cardboard (8.5 x 11) Black Construction Paper	Water glass Pan full of water Sink Window and sunlight

## LIFEPAC 408

46708

Items Provided:	Items You Provide:
<b>Styrofoam ball (6" in diameter)</b> <b>5 Straight Pins (In LIFEPAC 405)</b> Flashlight White paper Star map (Star and Planet Locator) 5 sheets of black construction paper Thin white box (In box)	<i>None</i>  <u>Additional Resource:</u> Visit <a href="http://www.star-map.fr">www.star-map.fr</a> to download and/or print of current star maps of your area.

## LIFEPAC 409

46709

Items Provided:	Items You Provide:
<b>Styrofoam ball (In LIFEPAC 408)</b> 2 Paper towels Compact Disk (CD)	Drinking glass Ice cubes Hot water Light source Dish

## LIFEPAC 410

**There are no experiments in this unit.**

**BOLD ITEMS** – These items will be reused in other labs. Make sure you are saving enough for those labs.

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