

Pillar Scientific Supply, Inc.
Adventures in Science

Level 5
Materials & Pricing



Teacher Base Kit & Supplies

\$300

Base Kit:

Teacher's Edition
 (Color, 164 Pgs.)

Density Block Set
 Acrylic, Pine, Nylon, Alum.

Equal Arm Balance w/ Weights

Hot Dots® Science Set:
 "Matter & Energy"

Hot Dot Pen
 UV Beads (1oz)
 Weather Watch Station

Supplies:

Agar, Nutrient 125ml
 Beaker Glass 100ml
 Beaker Glass 250ml
 Beaker Poly 1000ml
 Beaker Poly 100ml (2qty)
 Beaker Poly 250ml
 Beaker Poly 500ml
 Beaker Poly 50ml (2qt)
 Erlenmeyer flask (Glass
 250ml)
 Extension Support Ring
 Filter Paper 24cm, 10ct Filter
 Filler Paper 7cm, 100ct
 Friction Pad, Silk

Friction Pad, Wool
 Friction Rod, Glass
 Friction Rod, Rubber
 Graduated Cylinder
 (Poly 25ml)
 Lab Apron
 Lab Spoon
 Petri Dish 10qty
 Pipette
 Pith Balls 12/pk
 Ring Stand w/ 18" Rod
 Rod Clamp
 Safety Glasses

Seeds, Lima Beans
 Seeds, Mustard
 Seeds, Parsley
 Seeds, Sunflower
 Stir Rod
 Swabs, Cotton Sterile (8)
 Thermometer, Part
 Immersion
 Tuning Fork 100hz
 Tuning Fork 4096hz
 Weigh Dish 10/pk
 Wire, Copper 3m
 Wood Splint 20c

Teacher Deluxe Kit (*Includes Base Kit & Supplies, plus additional listed items*)

\$100

Frictional Force Apparatus: Friction Block with Hook for Spring Scale and 3 compartments for weights,
 Friction Board, Spring Scale, (3) 50g Brass Weights

FunFly Stick

See Thru Compost Container

Multimeter

Student Base Kit & Supplies

\$150

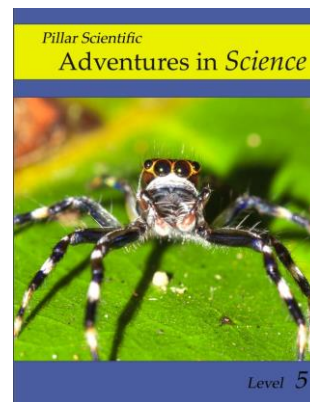
Student Workbook
 (Color 241 Pgs)
 Acrylic Paints Glow in the Dark
 (6/pk 2oz)
 Bar Magnet
 Battery Holder
 Brush Set (6/pk)
 Bulb Socket
 Bulb, Miniature
 Compass
 Copper Strip, 2ct

Dissecting Set, 7 piece w/
 Pouch
 Knife Switch
 Lab Apron
 Leads w/Alligator Clip (3ct)
 Led Light
 Magnifying Loupe, 3 lens, 15x
 Mortar and Pestle
 Owl Pellet
 Plant Pot (Qty 9)
 Prism Glasses
 Prism, Glass

Safety Glasses
 Soil Pill (Qty 9)
 Solar System Kit
 Spring Scales (100gr)
 Test Tube (6) w/ Cap
 Test Tube Brush
 Test Tube Rack (6 pl)
 Tweezers
 Weigh Bucket
 Wire, Insulated copper (1m)
 Zinc Strip (Qty 2)

Adventures in Science

Level 5 Concepts



Interpreting graphs

- Line graph
- Pie graph
- Bar graph

Observe and measure

- Length and distance
- Meter
- Decimeter
- Centimeter
- Millimeter
- Kilometer
- Gram
- Capacity and volume
- Density
- Water displacement

Grouping and classifying

- Five kingdoms of living things
- Animal kingdom
- Dichotomous keys

Experiment process

- Do plants need sunlight?

Chemical and physical changes

- Fresh water
- Chemical change
- Temperature
- Acids or bases

Energy

- Electrical energy
- Light energy
- Sound energy
- Thermodynamics
- Frictional force
- Electricity
- Magnets
- Simple circuits
- Conductors and insulators
- Batteries

Habitats

- Pollution
- Ecosystems

Plants

- Let's grow
- Flower power
- And then there were seeds
- Water

Earth layers

- Soil components

What is weather?

- Rain or shine

The moon

- Lunar eclipse
- Solar eclipse
- Constellations
- Solar system

Planets