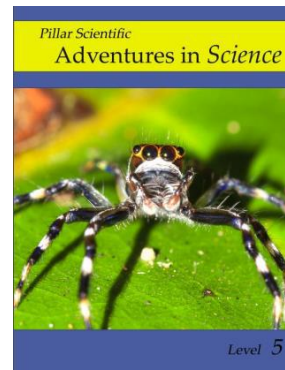


# **Pillar Scientific Supply, Inc.** **Adventures in Science**

## **Level 5** **Materials & Pricing**



### **Teacher Base Kit & Supplies**

**\$350**

Teacher's Edition, Color, 164pgs	Filter Paper, 7cm (100/ct)	Seeds (Beans, Mustard, Parsley, Sunflower)
Cargo Box	Filter Paper, 24cm (10/ct)	Stir Rod
Agar, Nutrient, 125ml	Friction Pads, Silk/Wool	Swabs, Cotton, Sterile (8/ct)
Beaker, Glass, 100ml	Friction Rods, Glass/Rubber	Test Tube Brush
Beaker, Glass, 250ml	Graduated Cylinder, Poly, 25ml	Test Tube Rack (6/pl)
Beaker, Poly, 50ml (2/ct)	Lab Apron	Test Tubes w/ Cap (6/ct)
Beaker, Poly, 100ml (2/ct)	Lab Spoon	Thermometer, Part Immersion
Beaker, Poly, 250ml	Petri Dish (10/ct)	Tuning Fork, 100 Hz
Beaker, Poly, 500ml	Pipettes, Graduated, Poly, 3ml (20/ct)	Tuning Fork, 4096 Hz
Beaker, Poly, 1L	Pith Balls (6/ct)	UV Beads (1oz)
Density Block Set (Acrylic, Pine, Nylon, Alum)	Prof Noggins Outer Space Card Game	Weather Watch Station
Digital Scale	Ring Stand w/ 18" Rod	Weigh Dish (10/ct)
Energy Conversion Kit	Rod Clamp	Wire, Copper, 1m
Erlenmeyer Flask, Glass, 250ml	Safety Glasses	Wood Splints (20/ct)
Extension Support Ring		

### **Teacher Deluxe Kit**

**\$175**

Frictional Force Apparatus (Friction Block with Hook for Spring Scale, Friction Board,	Spring Scale, (3) 50g Brass Weights)	Multimeter
	Fun Fly Stick	See-Through Compost Container

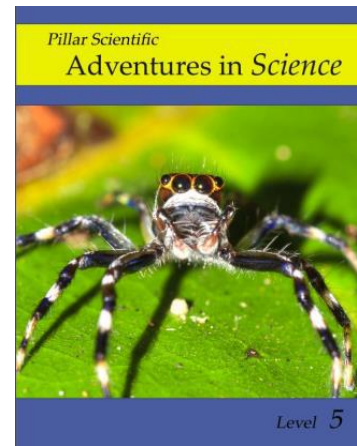
### **Student Base Kit & Supplies**

**\$200**

Student Workbook, Color, 241pgs	Dissecting Set, 7pc w/ Pouch	Prism Glasses
Red Backpack	Knife Switch	Prism, Glass
Bar Magnet	Lab Apron	Safety Glasses
Battery Holder	Leads w/Alligator Clip (3/ct)	Solar System Kit w/ Paints-Brush
Bulb Socket	Led Light	Spring Scales, 100g
Bulb, Miniature	Magnify Loupe, (3) lens, 15x	Tweezers
Compass	Mortar and Pestle	Weigh Bucket
Copper Strip (2/ct)	Owl Pellet	Zinc Strips (2/ct)
	Plant Pot/Soil Pill (9/ct ea)	

# *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**