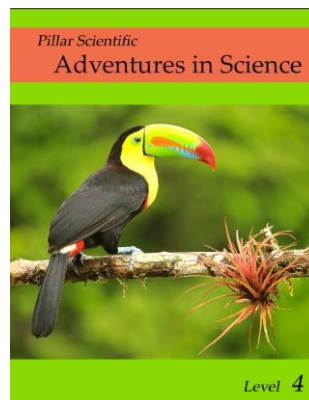


*Pillar Scientific Supply, Inc.*  
**Adventures in Science**

**Level 4**  
*Materials & Pricing*



**Teacher Base Kit & Supplies**

**\$270**

**Base Kit:**

- |                                     |   |
|-------------------------------------|---|
| Teacher's Edition (Color, 155 Pgs.) | Hot Dot Pens, (2)                               |
| Color Fizzers                       | Professor Noggin's Wonders of Science Card Game |
| Energy Ball                         | Simple Machines Activity Cards Set              |
| Equal Arm Balance w/ Weights        | Simple Machines Set                             |
| Fossil Sorting Kit (10 piece)       | Stopwatch                                       |
| Hot Dots® Science Sets (2)          | Weather Watch Station                           |
| *Animals, Plants & Ecosystems       |   |
| *Force, Motion & Simple Machines    |   |

**Supplies:**

- |                            |   |                             |
|----------------------------|---|-----------------------------|
| Beaker Glass 100ml (Qty 2) | Beaker Poly 500ml (Qty 2)                   | Lab Apron                   |
| Beaker Glass 500ml         | Beaker Poly 50ml                            | pH Strip (100/pk)           |
| Beaker Poly 100ml          | Graduated Cylinder Poly 100ml               | Pipettes, 3ml (20 ct)       |
| Beaker Poly 1L             | Graduated Cylinder Poly 10ml Jar w/ Lid     | Tuning Fork (100hz)         |
| Beaker Poly 250ml          | Wide Mouth (Poly 1L)                        | Wire, Insulated Copper (1m) |
|                            | Bella 54qt clear storage container with lid |                             |

**Teacher Deluxe Kit**

**\$125**

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

- |  |                  |
|--|------------------|
| Microscope, Student 40X  | Slide Box, 50/PL |
| Microscope Slides 72/pk  | Test Tube Holder |
| Inclined Plane Set:  |                  |
| Inclined Plane, Pulley, Protractor, Hall's Carriage, Hanging Pan for Weights, 2 Wood Boards of Different Sizes & Metal Plate |                  |

**Student Base Kit & Supplies**

**\$125**

- |                        |                                |                                |
|------------------------|--------------------------------|--------------------------------|
| Instruction Book, Full | Bulb, Miniature                | Magnifying Loupe, (2) lens 10x |
| Color, 302 pages       | Copper Wire Leads w/ Alligator | Prism                          |
| Balloon Helicopter     | Clips (3qty)                   | Safety Glasses                 |
| Battery Holder         | Knife Switch                   | Spot Plate                     |
| Bulb Socket            | Lab Apron                      | Stir Rod                       |

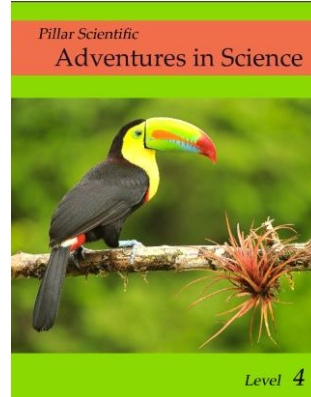
Test Tube Rack 6pl

Tweezers

Test Tube w/ Cap (6)

# ***Adventures in Science***

## ***Level 4 Concepts***



### **Observe and measure**

- Magnify
- Balance
- Bar graphs

### **Metric system**

- Meters
- Measuring distance

### **Capacity and volume**

### **Safety in experiments**

### **Dichotomous keys**

### **Kingdoms**

#### **Vertebrates**

- Mammals
- Birds
- Fish
- Amphibians
- Reptiles

#### **Invertebrates**

- Insects
- Grasshoppers
- Grasshopper life cycle

#### **Plants**

- Plant parts
- Leaves
- Photosynthesis
- How do plants reproduce?
- Fruit, fruit, and fruits

### **Motion**

- Pendulum motion
- Motion and gravity
- Motion of vibration
- Tricks of motion
- Motion energy
- Factors of motion

### **Electricity**

- Conductions and insulators
- Open and closed circuits

### **Habitat**

- Grassland
- Temperate forest
- Tropical rainforest
- Tundra
- Desert
- Ecosystem elements
- Ecosystem players
- Habitat challenges
- Animal characteristics
- Respecting the environment
- Battle ground of earth

### **Fossils**

### **Acid rain**

### **Acids and bases**

### **Porosity of rocks**

## **Weather**

- Precipitation forms
- Meteorologists tools