

Lab Report Supply Reference

Kit-Provided vs. Student-Provided Materials for Each Assignment

1. Kinematics

Required Activities: Activities 1, 2, and 3

Supply Item	Source
<i>Included in Kit</i>	
Constant Velocity Vehicle	Kit-provided
Steel Sphere	Kit-provided
Acrylic Sphere	Kit-provided
Angle Bar	Kit-provided
Foam Board	Kit-provided
Block of Clay	Kit-provided
Tape Measure	Kit-provided
Rubber Bands	Kit-provided
Protractor	Kit-provided
<i>You Must Supply</i>	
Scientific or Graphing Calculator	Student-provided
Permanent Marker	Student-provided
Masking Tape	Student-provided
Stopwatch (or smartphone with video)	Student-provided
Graph Paper	Student-provided
Batteries (for Constant Velocity Vehicle)	Student-provided

2. Projectile Motion

Required Activities: Activity 1 (6 trials: steel and acrylic spheres at 3 angles each)

Supply Item	Source
<i>Included in Kit</i>	
Metal Sphere	Kit-provided
Acrylic Sphere	Kit-provided
Angle Bar	Kit-provided
Clay	Kit-provided
Ruler (grooved)	Kit-provided
String	Kit-provided
Washer	Kit-provided
Tape Measure	Kit-provided
Protractor	Kit-provided
<i>You Must Supply</i>	
Book (to prop angle bar)	Student-provided
Masking Tape	Student-provided
Calculator	Student-provided

3. Magnetism

Required Activities: Activities 1, 2, and 3

Supply Item	Source
<i>Included in Kit</i>	
Magnet Wire (#28 enameled)	Kit-provided
Magnetic Compass	Kit-provided
Set of Ring Magnets	Kit-provided
D-Cell Battery Holders (4)	Kit-provided
D-Cell Batteries (4)	Kit-provided
Paper Clips (3)	Kit-provided
Foam Cup	Kit-provided
Audio Jack	Kit-provided
Pie Plate (aluminum)	Kit-provided
Alligator Clip Leads (2)	Kit-provided
Sand Paper	Kit-provided
Straw	Kit-provided
Nail	Kit-provided
<i>You Must Supply</i>	
Masking Tape	Student-provided

4. Series and Parallel Circuits

Required Activities: Activities 1, 2, and 3

Supply Item	Source
<i>Included in Kit</i>	
Battery Holders (4)	Kit-provided
D-Cell Batteries (4)	Kit-provided
Magnet Wire	Kit-provided
Sand Paper	Kit-provided
Miniature Lamps (pack of 10)	Kit-provided
Lamp Sockets (5)	Kit-provided
Alligator Clips (2)	Kit-provided
<i>You Must Supply</i>	
Scissors	Student-provided
Ruler	Student-provided

5. Sound and Resonance

Required Activities: Standing Wave in a Tube (single activity)

Supply Item	Source
<i>Included in Kit</i>	
Tuning Fork (2048 Hz)	Kit-provided
Plastic Tube (open at both ends)	Kit-provided
Graduated Cylinder (2 parts, unassembled)	Kit-provided
Ruler (metric)	Kit-provided
<i>You Must Supply</i>	
Calculator	Student-provided
Permanent Marker	Student-provided
Thermometer	Student-provided