

Name: _____

Date: _____

Skills Practice: Lab Equipment

Learning goals

After completing this activity, you will be able to ...

- Identify the equipment you would use for various lab techniques and procedures.

Lab Techniques and Procedures

Over the course of your science studies, you will be performing a wide variety of laboratory techniques and procedures. For each piece of equipment below, research its use and describe at least one lab technique or procedure that the equipment can be used for. The first one has been done for you.

Equipment	Lab Technique or Procedure
Multimeters	Measure the current, voltage, and resistance of an electric current when building and designing circuits
Triple beam balances	
Batteries	
Clamps	
Dynamics demonstration equipment	
Collision apparatus	
Data acquisition probes	
Discharge tubes with power supply	
Hand-held visual spectrometers	

Equipment	Lab Technique or Procedure
Hot plates	
Slotted and hooked lab masses	
Bar magnets	
Horseshoe magnets	
Plane mirrors	
Convex lenses	
Pendulum support	
Power supply	
Ring clamps	
Ring stands	
Stopwatches	
Trajectory apparatus	
Tuning forks	
Carbon paper	
Graph paper	
Magnetic compasses	
Polarized film	

Equipment	Lab Technique or Procedure
Prisms	
Protractors	
Resistors	
Friction blocks	
Mini lamps (bulbs) and sockets	
Electrostatics kits	
90-degree rod clamps	
Metric rulers	
Spring scales	
Knife blade switches	
Celsius thermometers	
Meter sticks	
Scientific calculators	
Graphing technology	
Computers	
Cathode ray tubes with horseshoe magnets	

Equipment	Lab Technique or Procedure
Ballistic carts or equivalent	
Resonance tubes	
Spools of nylon thread or string	
Containers of iron filings	
Rolls of white craft paper	
Copper wire	
Periodic Table	
Electromagnetic spectrum charts	
Slinky springs	
Wave motion ropes	
Laser pointers	