



Name: \_\_\_\_\_

## Some Ideas for GIZMO Science Concepts

Electromagnetism	Mechanical Advantage	Density
Magnetic Fields	Wavelengths of Light	Pulleys
Simple Machines	Expansion of Metals	Pressure
Optical Illusions	Electrical Circuits	Radios
Static Electricity	Energy Transformations	Speakers
Momentum	Greenhouse Effect	Motors
Action-Reaction	Conductivity of Liquids	Batteries
Generators	Ballistic Trajectories	Engines
Aerodynamics	Celestial Navigation	Robotics
Hydraulics	Angular Momentum	Vacuums
Air Cannon	Conductivity of Metals	Seasons
Wind Energy	Sound Frequencies	Rotation
Magnetism	Chemical Reactions	Gravity
Refraction	Homopolar Motors	Planets
Reflection	Ultraviolet Light	Bridges
Perspective	Plate Tectonics	Waves
Lenses	Surface Tension	Gases
Inertia	Strobe Effects	Gears
Friction	Motion Pictures	Levers
Heat	Phosphorescence	Lift

### THINK ABOUT ...

- 1) Safety Issues
- 2) GIZMO Ideas
- 3) Materials Feasibility

#### 4) Target Audience