



Gizmos and Gadgets Requirements

- Explore properties of motion.
- Explore properties of force.
- Use household materials to create a useful object.

Ideas for Adventure Requirements

- Mild Jug Toss: One-gallon milk jug with bottom cut out for each Lion, various items to catch (e.g., bean bags, ping-pong balls, tennis balls)
- Rolling Investigation: Different-sized balls, cylinders, pipes (solid/hollow, cylinders/spheres, large/small) to roll down an incline
- Ping Pong Ball Races: Straws, one per Lion, Ping-pong balls, Dominos
- Neckerchief Slide: PVC, Computer parts, washers, bolts and screws, Glue (or hot glue gun)
- Genius Kits: (bag with 6-8 identical items: loose gears, twine, nuts and bolts, washers, marbles)
- Gadget Collage: Magazines, Scissors, Poster board, Colored pencils, crayons or markers