Example Consumable Materials for an Elementary Tech Program

Raw Materials (metal, wood, fabric)

- lumber (various dimensions)
- plywood (various thickness)
- card stock
- dowels (including bamboo skewers)
- craft sticks (popsicle sticks, tongue depressors)
- straws

Adhesives

- wood glue
- No More Nails™
- painters tape
- duct tape
- double-sided tape
- hot glue sticks
- electrical tape
- masking tape

Fasteners (staples, hinges, screws etc.)

- wood screws in various sizes
- finishing nails
- nuts, bolts and washers in various sizes
- construction staples
- brass fasteners

Electrical System Components

- insulated copper wire
- LEDs
- DC motors
- batteries
- battery holders
- solar panels

Mechanical and Fluid System Components

- syringes (plastic veterinarian sizes suggested)
- vinyl or aquarium tubing
- premade pulleys and gears

Finishing Supplies

- water-based stain and finish
- water-based paint
- mineral oil (food grade)
- sandpaper (various grits)

Scavenged Materials

- scrap wood

    NOTE: Check with your board's policies regarding pressure-treated and chemically-prepared wood, such as plywood.

- cardboard (clean, new or recycled. Note if using recycled avoid using boxes that have held food)
- plastic bottles
- wood pallets
- plastic bags
- old textiles (launder first)
- plastic packaging containers
- bubble wrap

Other (e.g., old electronics)

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