



Handout 1

Creating a Science Environment

CONSIDER INCLUDING THE FOLLOWING:

- ✓ Specific shelves for storing science equipment/tools
- ✓ Bookcase for science-related books
- ✓ Baskets for science magazines
- ✓ Pegboard with hooks for displaying student created science books
- ✓ Space for displaying collections
- ✓ Table/desk for creating a science work space (with pencils, paper, etc.)
- ✓ Space for animal homes/aquarium/terrarium
- ✓ Living plants throughout the classroom (at child level)
- ✓ Science posters & visual displays of past student science projects



TALKING ABOUT SCIENCE:

- ✓ Involve children in science talks
- ✓ Have science conversations with small groups
- ✓ Utilize visual representations of children's explorations for rich discussions
- ✓ Use science vocabulary throughout the day (including outside play times)



SCIENCE MATERIALS:

- ✓ Magnifying glasses (basic hand held & stool)
- ✓ Mirrors
- ✓ Binoculars
- ✓ Prisms
- ✓ Flashlights
- ✓ Magnets
- ✓ Thermometer
- ✓ Balance
- ✓ Rulers/yardsticks/meter sticks (different types)
- ✓ Tape measure
- ✓ Stopwatch/hour glass
- ✓ Twine/gloves/hand sanitizer
- ✓ Measuring supplies for cooking
- ✓ Storage containers for collecting (cups/jars/bottles/boxes/paper bags/pouches/sandwich bags)
- ✓ Butterfly net or small net
- ✓ Plant & animal supplies (small watering container/aquariums/fishbowls)
- ✓ Calculator/computer
- ✓ Recording supplies (camera/notebooks/writing tools/graph paper/chart paper/tape/scissors)
- ✓ Specific science materials for activities (microscope/beakers, etc.)

