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.)