DOCUMENTATION OF A PROCESS

SCIENTIFIC INQUIRY experiences build habits of questioning, critical thinning, innovative problem solving, communication, collaboration and decision making (PCF vol 3., p 15.)

OBSERVATION TOOLS: ARE TOOLS TO EXTEND CLOSE OBSERVATIONS



EXAMPLES INCLUDE:

Magnifying glasses, binoculars, tweezers, microscope, trays (collector trays)

YOU MIGHT ASK...

"What do you notice about this apple?"
"What do you observe about your plant?"
"How is it different from the last time we observed it?"





MEASUREMENT TOOLS: TOOLS FOR MEASURING LENGTH, HEIGHT, WEIGHT, VOLUME & TEMPERATURE



EXAMPLES INCLUDE:

Tape measure, strings, rulers, scales, measuring cups and spoons, thermometer

YOU MIGHT ASK...

"How are these alike or similar?"

"What is the same about these two things?"

"How are these different?"

"What do you notice about the difference in size?"

"What do you notice about the difference in color?"



RECORDING TOOLS: TOOLS FOR RECORDING & DOCUMENTING INFORMATION



RECORDING TOOLS:

Encourage children to record observations and document investigations and findings.

EXAMPLES INCLUDE:

Pencils, markers, crayons, science notebooks, papers, posters, camera, computer, charts, felt board, magnet board, 3-D models



