

# The Art and Science of Process

Facilitated by Marcia Greenwood and Rosalynn Wade



## Essential Question

- How do our senses help us understand the world around us?

## Focus Questions for Students:

- What is texture?
- How do my senses help me understand texture?

## Focus Questions for Participants:

- What is the meaning and importance of “process, not product?”
- How can we use process to foster the creativity and problem solving abilities in young learners?
- Who is Benjamin Bloom and why should we invite him into our classroom?
- Who brings what to the learning experience?

## Early Childhood Standards and Skills:

- Language Arts
  - Oral Language, Vocabulary, Listening, Following Directions
- Math
  - Sort and group; recognize, describe, compare shapes, describe similarities and differences
- Science
  - Classify, compare and contrasts objects
  - Ask questions, make predictions, communicate observations
  - Develop an awareness of sensory attributes and properties of objects
- Creative Skills
  - Participate in activities that foster individual creativity
  - Think of new uses for familiar materials
  - Work creatively with a variety of self-expressive materials

## Scientific Process for Early Childhood

- Observe and Measure
  - What is it? What does it look/feel/smell like? How big is it?
- Classify
  - How is it like other things? Different? How can you sort them?
- Experiment and Inquiry

- What questions do you have? How can you find out? What do you need to be sure your experiment is safe?
- Interpret and Communicate
  - What do you notice? How can you describe it? How can you share what you discovered?

**Types of Assessment**

<b>Pre-assessment</b> Guides planning	<b>Ongoing assessment</b> Guides teaching (Formative)	<b>Graded assessment</b> Evaluates learning (Summative)	<b>Self-assessment</b> Evaluates progress	
			Teachers	Students

**Connections and Notes:**

# Classroom Implementation Form

**Focusing on (but not limited to):**

Arts, Multiple Intelligences, Enriched Assessment, Experiential Learning, & Curriculum

OK A+ Workshop Idea	WHAT I AM ALREADY DOING:			OK A+ Assessment Idea
	Subject Area Lesson Tie-In	Thematic Unit Connection	PASS Objectives	
				<i>Examples: MI tie-ins or task cards</i>

**Focusing on (but not limited to):** Climate, Collaboration, & Infrastructure

**Other Professional Goals:**