

MASTER MATERIALS LIST

Some items are used in multiple sessions, if quantity is not listed refer to individual instructor guides for specific amounts needed.

Items marked with *: See page 3 for suggested vendor information.

Items marked "O" are optional.

Material	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
EDUCATIONAL SUPPLIES																	
Scissors	X													X		X	
Markers		X				X	O	X	X	X			X				
Crayons								O		X							
Paper clips (3-5 per student)	X																
Large tubs such as dish tubs (1 per group) (preferably large tubs for Session 2 and deep clear tubs for Session 3)*		X	X			X											
Light colored cardstock 9"x12" (various colors)		X															
Plain white paper (8.5 "x 11")						X		X	X	X	X	X					
½" or ¾" black sticker dots (10 per student)								X									
Blue paper (8.5" x 11") (1 per student)											X						
Black construction paper (3" x 5") (1 per pair)													X				
Index cards, sticky notes, or small pieces of paper										X			X				
Easel paper				X	X		O		X								
Magnifying lenses*				X	X			X		X	X	X	X				
Eyedroppers (1 per student)					X			X									
Craft sticks or coffee stirrers (1 per student)					X						X						
Tray(s) (at most 1 per group, optional: 2 per group for Session 3)			O		X			X			X		X				
Unifix [®] cubes (see Instructor Guides for quantities and colors)								X				X					
Liquid watercolors (red, yellow, blue)								X									
Permanent markers (1 per group)												X					
Masking tape or Painter's tape (1 per group)									X					X		X	
Marbles or other small balls (several per group)														X			
Wax-based clay (1 gumball-sized piece per student) Recommended Brand: Sculpey NDC53 EZ Shape Clay*			X														

Material	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
GENERAL STORE ITEMS																	
Plastic spoons (1 per student)					X						X	X					
Plastic knives (1 per student)												X					
Paper towels				X	X					X	X	X	X				
Paper bowls or small containers (2 per group) – food safe for Session 10 and _____				X						X	X	X					
Clear plastic cups					X			X				X	X				
Straws (1 per person)									X								
Container or bottle of water (1 per group)											X	X					
Paper cups (1 per student), wax-coated for Session 11											X					X	
Disposable plastic or wax coated plates			X					X				X	X				
Facial Tissues (1-2 per group)								X									
Quart-sized zipper seal bags								X				X					
Gallon-sized zipper seal bags (1 per group)								X									
¼ measuring cup (1 per group) – paper cups if none available								X									
Tablespoon (1 per group) – plastic spoons if none available								X									
Bottle of liquid hand or dish soap								0									
Vinegar (approximately 1 cup)						X											
Liquids: juice, milk (1/2 cup per group)					X												
M&M [®] Candies (at least 20 per student)										X							
Goldfish [®] crackers (at least 20 per student)											X						
Dry mixed beans, with at least 3 different kinds of beans (1 bowlful per group)												X					
HOUSEHOLD ITEMS																	
Instructor will likely be able to gather these items from their home																	
Pitcher		X	X														
Towels or rags (1 per group)		X	X			X											
Sink and float demonstration materials: large wooden block, small pebble, metal spoon, plastic spoon.			X														
Spray bottle						X							X				
Bubble solution, see Instructor Guide for recipe and amounts						X											
Traditional bubble wand (could be made from pipe cleaner)						X											
Large clear cup or glass								X									
Spoon								X									
Cotton Ball									X								
A special leaf or small branch										X							
Recyclables: cardboard tube, tissue box, or other small cardboard box														X		X	

Material	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
OTHER ITEMS																	
Access to water		X	X	X	X												
Cart		0	0														
Newspaper or sheets to cover tables						0					0						
1 estimation jar for Arrival Activity (see instructor guide for ideas)										X							
Containers to use as bug boxes											X						
Earthworms (1 per pair)													X				
Children's Books																	
<i>A Cool Drink of Water</i> by Barbara Kerley		X															
<i>Five Creatures</i> by Emily Jenkins			X														
<i>Fish is Fish</i> by Lio Lionni				X													
<i>If You Find a Rock</i> by Peggy Christian				X													
<i>Ten Black Dots</i> by Donald Crews								X									
<i>Mouse Count</i> by Ellen Stoll Walsh											X						
<i>The Napping House</i> by Audrey Wood												X					
<i>One Bean</i> by Anne Rockwell													X				
<i>Rosie's Walk</i> by Pat Hutchins														X			
<i>Not a Box</i> by Antoinette Portis																X	
MATERIALS NEEDED FOR ALL SESSIONS																	
Computer with internet access/speakers																	
PowerPoint slides (downloaded from course website)																	
Session Instructor Guides (downloaded from website)																	
Data projector																	
<i>Big Ideas of Early Mathematics</i> textbook																	
Course Reader																	
Copies of course documents: syllabus, course calendar, and master list of homework assignments																	
Printables or handouts for specific sessions, listed on individual Instructor Guides																	
Optional: Copies of California Preschool Foundations in Science and California Preschool Foundations in Mathematics (if not teaching in California, use guidelines from your state)																	
Optional: Extra exploration materials for exemplar activities in addition to student provided materials. Examples and suggestions listed on individual Instructor Guides.																	

Suggested Vendor Information

Session 3: Clear tubs for Sink and Float: NASCO Science

Session 3: Wax-based clay: Sculpey NDC53 EZ Shape Clay-Amazon

Session 4: Magnifying lenses: Hand Magnifiers from eNasco