

Math at Home: Early Learning Introduction for Parents and Guardians

Time	Task	Materials	Facilitator
45 mins. before event	Set up: presentation equipment, registration table, arrange tables, chairs or desks in groups for 4-6 participants	Sign-in sheet, nametags, <i>Early Learning: Math at Home</i> booklets, table kits (pencils, highlighters, small stickie notes), laptop, projector, screen, doc. camera	
10 mins.	<p>Welcome</p> <ul style="list-style-type: none"> • Facilitator welcome and introduction • Participant introductions in table groups <ul style="list-style-type: none"> ▪ Name, child’s age, one thing you do to encourage math learning and problem solving 	Power Point slides	
4 mins.	<p>Opener – first positive early experiences</p> <ul style="list-style-type: none"> • “Clap Like Me” or “Follow Me” (p. 11) 	p. 11 <i>Early Learning: Math at Home</i>	
6 mins.	<p>Brief history of the document <i>Early Learning: Math at Home</i></p> <ul style="list-style-type: none"> • Going beyond arithmetic – read box on p. 19 	<i>Early Learning: Math at Home</i> booklets	
10 mins.	<p>Playing and doing math</p> <ul style="list-style-type: none"> • Each group discusses ways to use boxes to teach early math concepts • Share a few of the ideas <ul style="list-style-type: none"> ▪ Possibilities: ordering by size, sorting types, discussing shapes, building, stacking, nesting, etc. 	Variety of boxes for each small group e.g., cereal boxes, cracker boxes, etc.	
10 mins	<p>Talk Math</p> <ul style="list-style-type: none"> • Use everyday opportunities to discuss location, direction, distance, time, money, quantity, shapes and 		

	<p>their relationships</p> <ul style="list-style-type: none"> • Rote counting (rote number sequence) vs. rational counting (1 – 1 correspondence, one number for each object) • Show video of an adult interactively counting with a young child • Read box on p.13 opportunities for counting 	Video of an interactive, carefree counting situation	
10 mins.	<p>Virtual geometry “walk”</p> <ul style="list-style-type: none"> • Find and sketch shapes that are seen in the room • Share one picture with the table group 	Blank paper, pencils	
10 mins.	<p>Math Stories</p> <ul style="list-style-type: none"> • Supporting literacy and numeracy • Read an early numeracy book featuring counting or geometry 	<p>Bibliography p. 13</p> <p><i>Fiesta</i> - Guy</p> <p><i>Uno, Dos, Tres; One, Two, Three</i> – Mora</p> <p><i>Feast for 10</i> - Falwell</p> <p><i>Anno’s Counting Book</i> - Anno</p> <p><i>Each Orange Had Eight Slices</i> - Giganti</p> <p><i>The Very Hungry Caterpillar</i> - Carle</p> <p><i>Animals on Board</i>- Murphy</p> <p><i>Henry the Fourth</i> - Murphy</p> <p><i>Shapes, Shapes, Shapes</i> - Hoban</p> <p><i>The Shape of Things</i> - Dodds</p> <p><i>Ten Black Dots</i> - Crews</p>	
5 mins.	<p>Closing</p> <ul style="list-style-type: none"> • Encourage a daily 10 mins. of math in a natural environment through everyday interactions • Resolution to talk math to their child tomorrow • Tell a partner at their table what they plan to do 		