

Math Exploration for Infants and Toddlers

Learning Outcomes and Course Checklist

Course Overview

Math is a concept that is all around us all of the time. Infants and toddlers are immersed in mathematical experiences almost constantly, whether it is in simple or complex forms. Patterns, shapes, measurement, numbers and classifying are all important mathematical concepts for infants and toddlers to explore. This course intends to educate the participants about the relationship that infants and toddlers have with math as well as options for supporting early math education. This course also includes discussions with fellow educators and caregivers, lesson plan examples and the opportunity to create a math lesson plan for infants or toddlers.

Level 2

- Washington STARS credit: Program Planning and Development (3 hours)
- CDA Content Area: Effective Program Planning (3 hours)

Objectives:

- Identify early math concepts for infants and toddlers
- Analyze math concepts in infant and toddler classrooms
- Discuss daily math activities and exposure with fellow child care professionals
- Explain the difference between infant and toddler math
- Analyze a hypothetical situation for best practice
- Analyze CDA Competency Standards in relation to example lesson plans
- Analyze effective lesson planning strategies
- Create a simple math lesson plan for their group

This checklist is for your reference only, and using it is optional. You may print or save it to your computer to use to track your progress.

COURSE CHECKLIST

	<u>1. Introduction</u>
	<u>2. Learning Outcomes and Menu</u>
	<u>3. Early Math</u>
	<u>4. Math Concepts</u>
	<u>5. Discussion: Math Concepts 1/11</u>
	<u>6. Everyday Infant and Toddler Math</u>
	<u>7. Discussion: Daily Math 2/11</u>
	<u>8. Math for Infants</u>
	<u>9. Math for Toddlers</u>
	<u>10. Discussion: Infant and Toddler Math Differences 3/11</u>
	<u>11. How to Support Math for Infants</u>
	<u>12. How to Support Math for Toddlers</u>
	<u>13. Discussion: What Would You Do? 4/11</u>
	<u>14. Creating a Math Lesson Plan</u>
	<u>15. Infant Lesson Plan Example: Shape and Dimension Sensory Bin & Worksheet 5/11</u>
	<u>16. Infant Lesson Plan Example: Shape Sensory Bag & Worksheet 6/11</u>
	<u>17. Infant Lesson Plan Example: Ball Sorting Box & Worksheet 7/11</u>
	<u>18. Toddler Lesson Plan Example: Weight and Measure Activity Center & Worksheet 8/11</u>
	<u>19. Toddler Lesson Plan Example: Invisible Number Sensory Bin & Worksheet 9/11</u>
	<u>20. Toddler Lesson Plan Example: Math Discovery Salt Box & Worksheet 10/11</u>
	<u>21. Create a Lesson Plan End of Course Assignment 11/11</u>
	Course evaluation form

GETTING HELP

Live Chat and Email Support Hours

Monday - Friday 7 am - 6 pm

Saturday & Sunday 9 am - 6 pm

Holidays (*Email Only*) 10 am - 4 pm

info@starstraining.org

Phone Support Hours

Monday - Friday 7 am - 6 pm

Saturday & Sunday Email & Chat Only

Holidays Email Support Only

(360) 602-0960

CERTIFICATES

This is a LEVEL 2 Course.

If your assignments were adequately completed, you should expect that the turnaround time will be less than 24 hours from the time which you submit the evaluation form until you receive your certificate by email. If you did not adequately complete the assignments, the trainer will send you an email requesting that the coursework be redone. Be sure to watch for emails from our online educators.

If you do not receive your certificate within 24 hours from when you submit the evaluation form, check your junk mail or spam folder. If the certificate email is lost in cyberspace, we will not know that you did not receive it. You will need to provide us with a different email address, such as a new Yahoo email account, to receive your certificate. Please be aware that Wavecable and Comcast especially seem to have difficulties receiving our emails with the certificates attached. Thank you for your cooperation and patience.