



Family Child Care at Its Best

Building Numeracy Skills and Beyond



Funded by: California Department of Social Services
Administered by: WestEd | Early Childhood Learning and Development



Activity: Your comfort level



1. Tell us your name and age range of children you care for.
2. On a scale of 1 – 10, how comfortable are you with supporting early math development?

Research in Review

- Children naturally explore topics such as patterns, shapes, capacity, volume, and transformations, such as addition and subtraction, in their daily play.
- Research finds that educators underestimate children's math abilities. Children are capable and competent.
- Mathematical content should be connected to informal, everyday life. Integrated learning experiences build on children's play, daily activities, interests, and questions.



Curriculum Principles for Early Childhood Mathematics

Content

Process

Environment and Materials

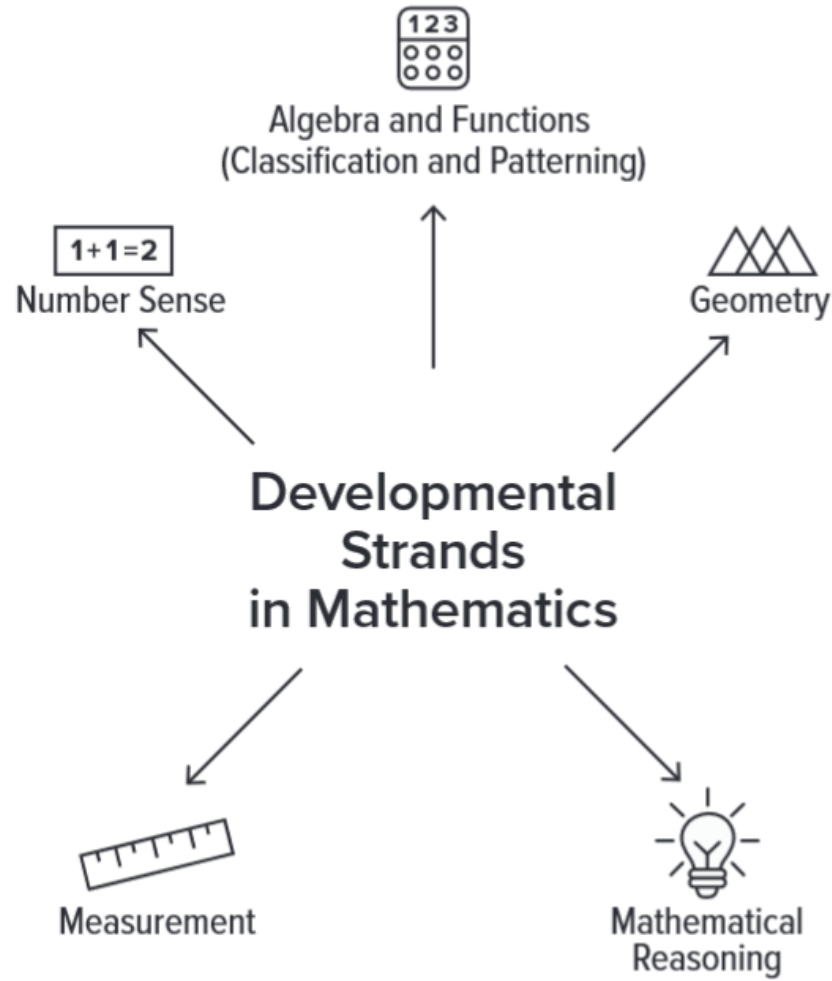
Child-Centered Choices

Activity: Benefits from Preschool Learning Foundations

How can play-based programs benefit from becoming familiar with the Preschool Learning Foundations?

How can more academic, structured programs benefit from becoming familiar with the Preschool Learning Foundations?

The Five Developmental Strands



Integrating Mathematics: Supplying the Environment



Supporting Child-Guided Learning



- Extended periods of time
- Take risks
- Open-ended materials
- Allow children to be independent

Activity: Ten Foot Challenge

Create a 10-foot line using any item(s) that are easily accessible



Activity: Planning for Mathematically Rich Play



Reflective Activity: Child-Centered Choices



1. Reflect on children's emerging interests in your program.
2. What real objects, play items, and math materials might you offer to support their learning?
3. What developmental strands are you utilizing?

Supporting and Extending Spontaneous Math Investigations

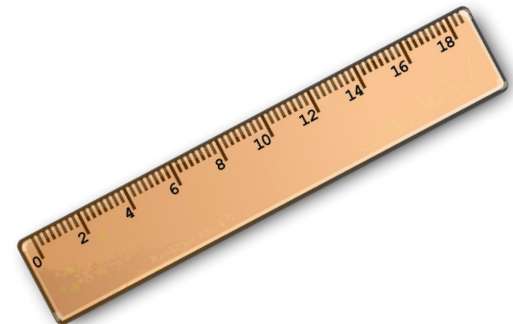
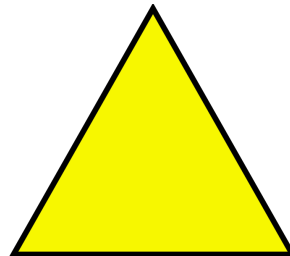


Planned Learning Experiences



Understanding Development of Math Knowledge

- Development of Counting Skills
- Levels of Geometric Thinking
- Steps in Understanding Measurement



For Consideration

“Find the sweetness in the math itself – in a problem that inspire you to work and struggle, until you finally get it, just for your own satisfaction.”

~ Sue VanHattum





Family Child Care at Its Best

www.FCCBtraining.org



Facilitator Training

NEW! Family Child Care at Its Best (FCCB) is now offering training for facilitators. Trainers, coaches, and community leaders who provide support to family child care or family, friend, and neighbor providers can learn how to facilitate FCCB workshops and gain access to all necessary curriculum to offer FCCB workshops.

Facilitator Training is for you if...

- You are an individual or program that supports family child care or family friend and neighbor providers, AND
- You have prior experience leading professional development, AND
- You can deliver at least one workshop within two months of completing the facilitator training.

[Explore facilitator training](#)



Direct-Service Workshops

FCCB is pleased to offer direct-service workshops at no cost to the host agency. Simply complete the request form to choose from the available topics, languages, and date(s) you are looking for. You conduct outreach, and FCCB does the rest! We will provide you with a flyer, all needed materials, and an instructor to lead your selected workshop. Availability is based on current funding.

Direct-service workshops are for you if...

- You are an individual or program that supports family child care or family, friend, and neighbor providers, AND
- You do not have the capacity to send staff to facilitator training, OR
- You do not have staff fluent in all languages needed to serve your community.

[Explore direct-service workshops](#)

Thank You!

Please complete
workshop evaluation



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