



## Finding the Math in Your Day What have you done today that involves math? MATIONAL CENTER ON



1. Identify ways infants' and toddlers' play and routines build informal foundations for math

1. Describe how math is integral to learning in all domains of the ELOF.

2. Design activities and strategies for scaffolding and supporting early math skills in what children already do every

5



1. Discuss why it's important to foster math skills beginning in infancy.

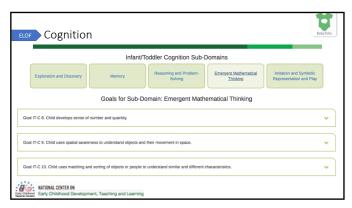
 Describe math skill and concepts children learn as infants and toddlers and how they support school readiness across the ELOF 3. Share activities and strategies for scaffolding and supporting children as they build math 4. Provide an overview of four key effective practices for supporting early math learning. 5. Closing thoughts. 6. Resources and support.

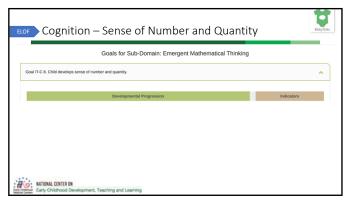


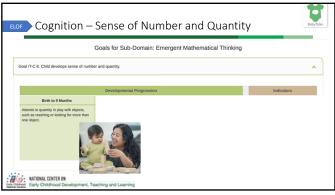


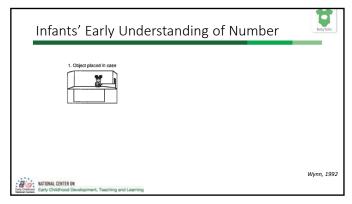


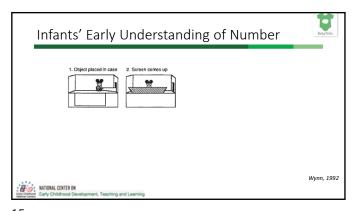


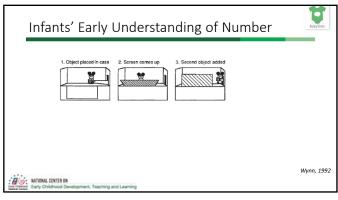


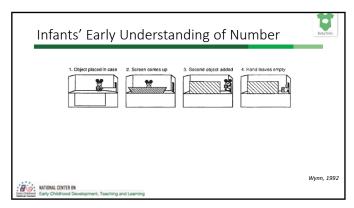


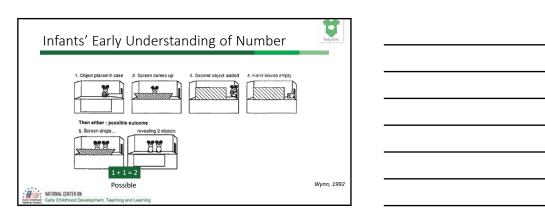


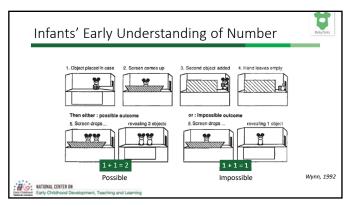


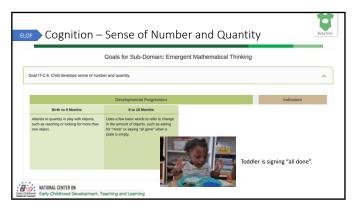


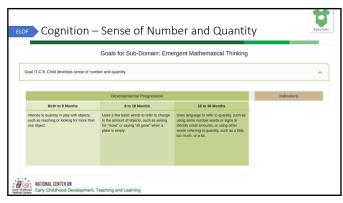


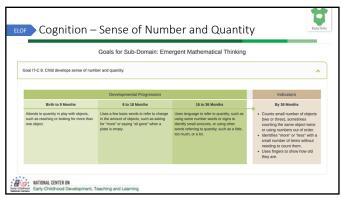




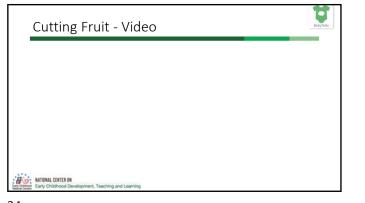


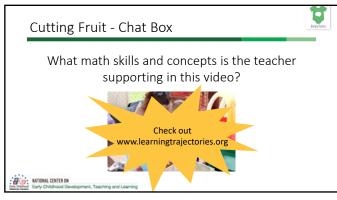








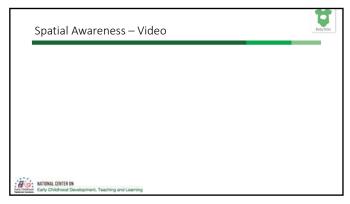




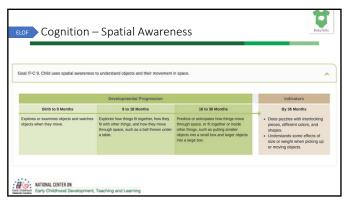






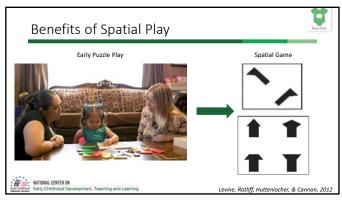


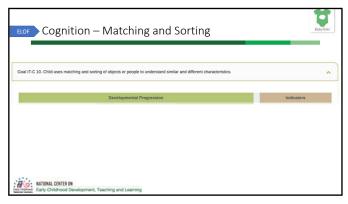


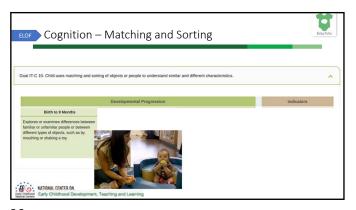




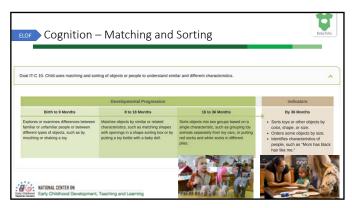






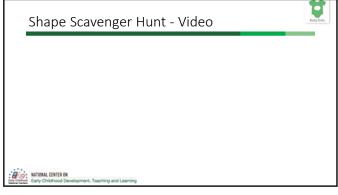






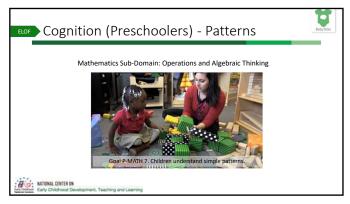










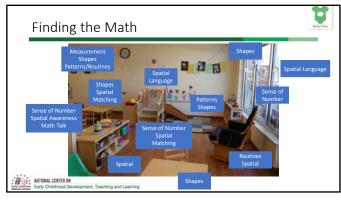


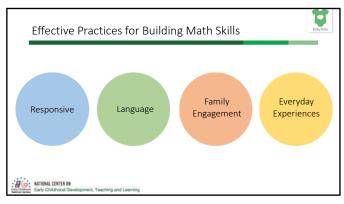




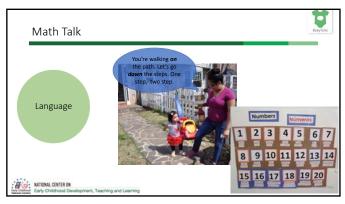




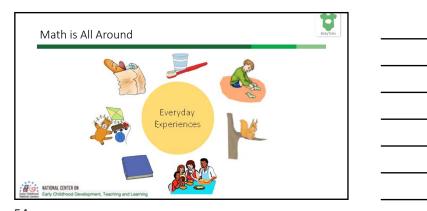






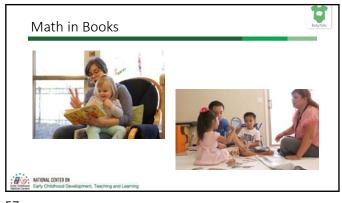


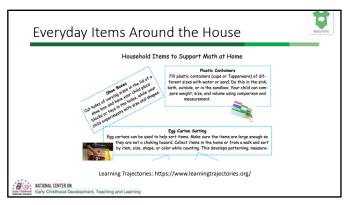


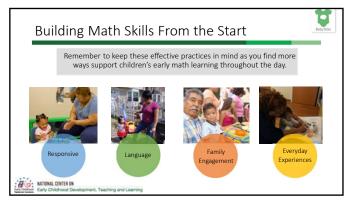










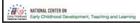




## Resources and Support Understanding STEAM and How Children Use It: https://ecikc.ohs.acf.hhs.gov/publication/understanding-steam-how-children-use-it Math Learning Trajectories: <a href="https://eclkc.ohs.acf.hhs.gov/school-readiness/article/math-learning-trajectories">https://eclkc.ohs.acf.hhs.gov/school-readiness/article/math-learning-trajectories</a> Learning and Teaching with Learning Trajectories [LT]2: <a href="https://www.learningtrajectories.org/">https://www.learningtrajectories.org/</a> Household Items to Support Math at Home: <a href="https://www.learningtrajectories.org/sites/default/files/inline-files/Household%20Items%20Handout\_13.pdf">https://www.learningtrajectories.org/sites/default/files/inline-files/Household%20Items%20Handout\_13.pdf</a> STEAM 15-minute in-service suite: <a href="https://eclkc.ohs.acf.hhs.gov/school-readiness/article/steam">https://eclkc.ohs.acf.hhs.gov/school-readiness/article/steam</a> High Five Mathematize: <a href="https://eclkc.ohs.acf.hhs.gov/publication/high-five-mathematize">https://eclkc.ohs.acf.hhs.gov/publication/high-five-mathematize</a> $\bullet \ \, \textbf{Finding the Math:} \, \underline{\text{https://eclkc.ohs.acf.hhs.gov/school-readiness/article/finding-math}} \\$ News You Can Use: Supporting Early Math Learning for Infants and Toddlers: <a href="https://ecikc.ohs.acf.hhs.gov/school-readiness/article/news-you-can-use-supporting-early-math-learning-infants-toddlers">https://ecikc.ohs.acf.hhs.gov/school-readiness/article/news-you-can-use-supporting-early-math-learning-infants-toddlers</a> • ELOF Effective Practice Guides: https://eclkc.ohs.acf.hhs.gov/school-readiness/effective-practice-guides/effective- Emergent Mathematical Thinking: <a href="https://eclkc.ohs.acf.hhs.gov/school-readiness/effective-practice-quides/emergent-mathematical-thinking">https://eclkc.ohs.acf.hhs.gov/school-readiness/effective-practice-quides/emergent-mathematical-thinking</a> The second s MATIONAL CENTER ON Early Childhood Day

## Resources and Support

- Early Learning and School Readiness: Cognition Development and General Knowledge Tip Sheet: https://ecikc.ohs.acf.hhs.gov/sites/default/files/pdf/ts-cognition-development-eng.pdf
- Research Notes: Little Scientists: <a href="https://eclkc.ohs.acf.hhs.gov/sites/default/files/pdf/little-scientists.pdf">https://eclkc.ohs.acf.hhs.gov/sites/default/files/pdf/little-scientists.pdf</a>
- Head Start Early Learning Outcomes Framework (ELOF): https://eclkc.ohs.acf.hhs.gov/hslc/hs/sr/approach/elof
- $\bullet \ \ \mathsf{ELOF2GO} \ \mathsf{Mobile} \ \mathsf{App:} \ \underline{\mathsf{https://eclkc.ohs.acf.hhs.gov/school-readiness/article/elof2go-mobile-app}$
- $\bullet \quad \textbf{Classroom Visuals \& Supports:} \\ \underline{\text{https://eclkc.ohs.acf.hhs.gov/children-disabilities/article/classroom-visuals-supports}}$
- Planned Language Approach (many resources within PLA, but a few highlighted below): https://eclkc.ohs.acf.hhs.gov/culture-language/article/planned-language-approach
- Tip Sheet Creating Environments That Include Children's Home Languages and Cultures: https://eclkc.ohs.acf.hhs.gov/sites/default/files/pdf/dll-creating-environments.pdf
- Tip Sheet Including Children's Home Languages and Cultures: https://ecikc.ohs.acf.hhs.gov/sites/default/files/pdf/dll-childrens-home-languages.pdf



62