Subpart C - Education and Child Development Program Services

1302.30 Purpose

All programs must provide high-quality early education and child development services, including for children with disabilities, that promote children’s cognitive, social, and emotional growth for later success in school....
Subpart C - Education and Child Development Program Services

1302.31 Teaching and the Learning Environment

A center-based and family child care program must ensure teachers and other relevant staff provide responsive care, effective teaching, and an organized learning environment that promotes healthy development and children’s skill growth aligned with the Head Start Early Learning Outcomes Framework: Ages Birth to Five, including for children with disabilities....
## Sub-Domain: Emergent Mathematical Thinking

### Goal IT-C 8.

#### Infant/Toddler Developmental Progression

<table>
<thead>
<tr>
<th>By 36 Months</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sensitive to numbers small and large.</strong></td>
</tr>
<tr>
<td><strong>Some use “two”....</strong></td>
</tr>
</tbody>
</table>

### Indicators

- Counts small number of objects (2-3), sometimes counting the same object twice or using numbers out of order.
- Identifies “more” or “less” with a small number of items without needing to count them.
- Uses fingers to show how old they are.
## SUB-DOMAIN: EMERGENT MATHEMATICAL THINKING

### GOAL P-MATH2. Child recognizes the number of objects in a small set.

<table>
<thead>
<tr>
<th>DEVELOPMENTAL PROGRESSION</th>
<th>INDICATORS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>36 to 48 Months</strong></td>
<td><strong>By 36 Months</strong></td>
</tr>
<tr>
<td>Develops an understanding of what whole numbers mean. Begins to recognize the number of small objects in groups without counting (referred to as “subitizing”).</td>
<td>• Instantly recognizes, without counting small quantities of up to 5 objects and says or signs the number</td>
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<tr>
<td><strong>48 to 60 Months</strong></td>
<td></td>
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<tr>
<td>Quickly Recognizes the number of objects in a small set (referred to as “subitizing”).</td>
<td></td>
</tr>
</tbody>
</table>
LT²: Foundation

• LearningTrajectories.org

• Example
LT²: Small Collection Namer

- LearningTrajectories.org
- Example
LT²: Maker of Small Collections

• LearningTrajectories.org

• Example
LT$^2$: Perceptual Subitizer to 4

- [LearningTrajectories.org](http://LearningTrajectories.org)
- [Example](http://Example)
LT²: Perceptual Subitizer to 5

- [LearningTrajectories.org](http://LearningTrajectories.org)
- [Example](http://Example.com)
LT²: Conceptual Subitizer to 5

- LearningTrajectories.org
- Example
LT²: Conceptual Subitizer to 10

• LearningTrajectories.org

• Example
LT²: Learning and Teaching with Learning Trajectories

- See the Learning and Teaching with Learning Trajectories website for more trajectories, videos, and instructional math activities!
- [LearningTrajectories.org](http://LearningTrajectories.org)