

MATH THROUGH SONGS AND MUSIC

Adults mathematize when they bring out the math in what children are doing. As children engage in daily classroom activities and routines, adults can help them relate their experiences to the mathematical knowledge and skills that are part of those activities and routines. Singing songs and engaging in musical activities is a fun and engaging way to experience and learn early mathematical concepts.

HOW SONGS AND MUSIC SUPPORT EARLY MATH LEARNING

Musical activities support children's early mathematical development and learning. As young children sing and role-play songs, play musical instruments, and move their bodies to music, they learn about patterns, sequencing, counting, spatial properties, and other mathematical concepts and skills. Select songs that have good rhythm and that come from a variety of cultures.

MATH SONGS

Following is a list of songs with corresponding Mathematical Knowledge & Skills domain elements that teachers can emphasize within the song.



Title	Song or movement	Number Concepts & Quantities	Number Relationships & Operations	Geometry & Spatial Sense	Patterns	Measurement & Comparison
<i>Five Little Ducks</i>	Song	✓	✓	✓	✓	
<i>Five Little Monkeys</i>	Song	✓	✓	✓	✓	
<i>Five Little Donuts</i>	Song	✓	✓	✓	✓	
<i>Over in the Meadow</i>	Song	✓	✓	✓	✓	
<i>Teddy Bear, Teddy Bear</i>	Song and movement			✓	✓	
<i>The Ants Go Marching</i>	Song	✓	✓	✓	✓	✓
<i>The Itsy Bitsy Spider</i>	Song and movement			✓		✓
<i>Twinkle Twinkle Little Star (Estrellita ¿dónde estás?)</i>	Song			✓		✓
<i>Where Is Thumbkin?</i>	Song and movement			✓	✓	

MATH SONGS IN SPANISH

Title	Song or movement	Number Concepts & Quantities	Number Relationships & Operations	Geometry & Spatial Sense	Patterns	Measurement & Comparison
<i>A La vibora de la mar</i> (<i>Like a Sea Snake</i>)	Song and movement			✓		✓
<i>Cinco pollitos</i> (<i>Five Chicks</i>)	Song	✓	✓			
<i>Un elefante se balanceaba</i> (<i>An Elephant Balancing</i>)	Song	✓	✓	✓	✓	✓