



SCIENCE THROUGH SONGS AND MOVEMENT

Some children’s songs, games, and movement activities teach basic science ideas or help children practice science skills. Here are suggestions for activities that teachers can use to promote science learning in fun ways throughout the day. Teachers can also create songs or movements to reinforce many basic science concepts.



SCIENCE SONGS

Title	Description	Science Concepts & Skills
<i>Five Little Speckled Frogs</i>	Counting song with hand motions that describes frogs’ behavior and habitat	Characteristics of living things
<i>Itsy Bitsy Spider</i>	Song with hand motions that describes a spider and the impact of the rain and sun	Characteristics of living things and the natural world
<i>Over in the Meadow</i>	Counting song about animals and their homes	Characteristics of living things
<i>Hokey Pokey</i>	Song with movements that teaches body parts	Characteristics of living things, vocabulary
<i>Head, Shoulders, Knees, and Toes</i>	Song with movements that teaches body parts	Characteristics of living things, vocabulary
<i>The Garden Song</i>	Song about what seeds and plants need to grow	Needs of living things, caring for the environment, vocabulary
<i>The Green Grass Grew All Around</i>	Song that describes the parts of a tree and how it serves as a home to animals	Characteristics of living things, vocabulary
<i>The Beehive</i>	Rhyme with motions that mimics bees coming out of their hive	Characteristics of living things, vocabulary
<i>Ten Little Fingers</i>	Counting song with motions that teaches body parts	Characteristics of living things
<i>Three Little Ducks</i>	Counting song with motions that describes ducks’ behavior	Characteristics of living things, vocabulary
<i>The Little Turtle</i>	Rhyme with motions that describes turtles’ behavior	Characteristics of living things



SCIENCE SONGS IN SPANISH

Title	Description	Science Concepts & Skills
<i>Los pollitos</i> (The Little Chicks)	Song that describes little chicks' sounds and what the mother hen does for them	Characteristics and needs of living things
<i>La vaca lechera</i> (The Milk Cow)	Song about a special cow that gives condensed milk	Characteristics of living things, vocabulary
<i>Cinco ratoncitos</i> (Five Little Mice)	Song that references body parts and describes what little mice do	Characteristics of living things

MOVEMENT ACTIVITIES

Title	Description	Science Concepts & Skills
Birds hatching from eggs	Activity where children act out the stages of a bird hatching from inside an egg	Life cycles of living things
Animal movements	Acting out at circle or during transitions how different animals move	Characteristics of living things
Rainstorm	Progressively louder movements, starting with rubbing hands, then snapping fingers, slapping knees, and clapping hands—then reversing the movements	Characteristics of the natural world
Water cycle	Activity where children pretend to be drops in the water cycle	Characteristics of the natural world

SCIENCE GAMES

Title	Description	Science Concepts & Skills
I Spy	Group game where children look carefully around the area and ask questions to guess what one person sees	Observe, predict, ask questions
Twenty Questions	Group activity where children ask questions to guess what animal a person is thinking of	Ask questions, predict
Mystery bag	Activity where children feel objects in a bag, describe them, and guess what they are	Observe (sense of touch), predict
Parachute	Activity where a group of children holding a parachute can bounce balls on it and observe cause and effect relationships	Characteristics of motion
Waggle Dance Game	Activity involving acting the part of worker bees: children look for "flowers," return to the hive, and wiggle and move to show the other bees where the flowers are	Characteristics of living things



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