Moving & Learning across the Curriculum!
Art & Movement Share in Common

• Development of motor skills
• Eye-hand coordination
• Self-expression!
• Concepts such as
  - shape
  - size
  - spatial relationships
  - line
Movement & Language Arts

• Play essential roles in life
• Involve rhythm
• Are forms of communication!
Make meaning!
Movement & language are both abstract.
This old man, he played one;  
He played knick-knack on my thumb  
With a knick-knack, paddywack,  
Give the dog a bone;  
This old man came rolling home.
Pre-reading & Pre-writing

ONE ANKLE OVER the OTHER

“X” SHAPE

WRAP ONE ARM AROUND WAIST
Math!
“The foundations of math are grounded in concrete experience such as the exploration of objects and gradual understanding of their properties & relationships. The cognitive concepts…of classification, seriation (ordering), number, time, and space all contribute to the gradual acquisition of math concepts.”

Mary Mayesky
*Introduction to Early Childhood Education*
Quantitative Concepts

- Big & little
- Long & short
- High & low
- Wide & narrow
- Late & early
- First & last
- Middle
- Once
- Longer than
- Same length
- Tall & short
- Light & heavy
- Together
- Twice
- Highest/Lowest
- Few
- Bunch
- Group
- Pair
- Many/More/Most
“Giants & Elves”

See the giants, great & tall  
Hear them bellow, hear them call  
Life looks different from up so high  
With head & shoulders clear to the sky  
And at their feet they can barely see  
The little people so very tiny  
Who scurry about with hardly a care  
Avoiding enormous feet placed here & there  
But together they dwell, the giants & elves  
In peace & harmony amongst themselves.

Rae Pica

Wiggle, Giggle, & Shake
Number awareness & recognition

4 0 1 9 2 2 5 3 6 7
Counting
Simple Computation
Simple Geometry
Science!
Science & Movement Are Both About:

• Exploration
• Investigation
• Problem solving
• Discovery
• Learning by doing!
Science themes explored in the classroom

• The human body, including
  - body parts & their functions
  - the senses
  - hygiene
  - nutrition

• Seasons
• Weather
• Animals
• Plants
• The Ocean & Other Natural Wonders
Beginning with the body
Nutrition can be fun...
Hygiene can be fun…
Animals & other creatures
Weather
Exploring Scientific Concepts

- Flotation
- Gravity
- Machinery
- Magnetics
- Balance & stability
- Action & reaction
- Electricity
More simple science...
Social Studies Themes Explored in Classrooms

- Self-awareness
- Families & Friends
- Transportation
- Occupations
- Holidays & Celebrations
- Multicultural Education
• 5 Ways Technology May Adversely Affect Children

• Developmentally Appropriate Discipline

• Is Standardized Testing Producing a Creativity Crisis?

• Withdrawing Recess as Punishment: Does It Work?

• Handling Inappropriate Sexual Behavior in EC Settings

• Naptime: Needed Break or Waste of Time?
• David Elkind
• Nancy Carlsson-Paige
• Jane Healy
• Stanley Greenspan
• Vivian Gussin-Paley
• Becky Bailey
• Eric Jensen
• Lilian Katz
Nobody!

We exist to find reliable answers to the education related problems we're all struggling to solve. Every day we pose tough questions to the most recognized and insightful people in education. But nobody has all the answers so we need your wisdom and experience too.

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- 20% of what we HEAR
- 30% of what we SEE
- 50% of what we HEAR & SEE
- 70% of what we HEAR, SEE, & SAY
- 90% of what we HEAR, SEE, SAY, & DO!
“We have spent years & resources struggling to teach people to learn, and yet the standardized achievement test scores go down & illiteracy rises. Could it be that one of the key elements we’ve been missing is simply movement?”

Carla Hannaford

*Smart Moves*
“I look upon joy as the most powerful of all mental stimuli.”

Jaques-Dalcroze