Music, Movement and Laughter for Speech and Language Learning ©
Keynote
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Abstract

- How do we reach and teach children of all ages, especially those in early childhood programs? Research supports the use of music, movement, and laughter to enhance learning. We will explore songs with techniques that can be used to facilitate language skills, literacy, interaction, motor skills, and speech imitation/articulation. This session also challenges you to look at what makes children laugh. Let's review research on the power of laughter and its relationship to learning, and then focus on the crucial power of laughter in educating our children. Come to have fun!
Disclosure Statement

Rachel Arntson is owner and creator of all Talk It Rock It products (formerly known as Kids’ Express Train) and receives compensation for products sold including music CDs.

Although this seminar is intended to teach others about the power of music and how to develop your own songs, materials such as free lyrics, pictures, and examples of Rachel Arntson’s music will be used to demonstrate specific techniques.

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Facebook.com – Go to Talk It Rock It
Let’s Talk about Music!
What is happening in the brain?

“Musical activity involves nearly every region of the brain that we know about, and nearly every neural subsystem.”
Daniel Levitin

“Far more than language, music taps into primitive brain structures involved with motivation, reward, and emotion.”
Daniel Levitin

“Why would we use just language to teach language to a language disordered child?”
Lani Popp, speech-language pathologist, San Antonio, Texas
The Benefits of Music
My BRAIN is on fire!

Research - music electrifies the
“Music rearranges your molecular structure.”
Carlos Santana

Musicians’ brains – What’s different about them?
- Neuroplasticity of the brain

What’s going on in there?
- Motor, Sensory, Auditory, Prefrontal, and Visual cortices
- Hippocampus
- Cerebellum
- Corpus Callosum
- Amygdala
Why would music benefit speech and language?

- Aniruddh Patel – *Music, Language, and the Brain* hypothesizes that musicians have neural plasticity with these conditions: OPERA
  - Overlap – Brain networks where speech and music are processed similarly such as how we perceive sound.
  - Precision – Music precision places high demands on brain networks.
  - Emotion – Music creates positive emotion.
  - Repetition – Music creates extensive repetition.
  - Attention – Music creates focused attention.
Why would music benefit speech and language?

- Musical training leads to changes in the auditory system. (Nina Kraus)
- The pattern of beats in music and the ability to read are closely linked. (Goswami, Huss, et al.)

“Music is a pleasurable boot camp for auditory processing.” Aniruddh D. Patel
The Emotional Benefit of Music

Your Journey - What’s your song?

Emotion

- Like/Dislike Comparison
- Excitement/Relaxation Comparison
- Music is a euphoric inducing stimulant
- Memory is enhanced by how much we CARE about something
- Caring leads to attention, alertness, mood, and neurochemical changes
- NICU – Strandley
- Let’s get emotional!
Let’s Talk about Laughter!

- Humor has proven to have positive effects on stress and health. (Bennett 2008)
- Cancer patients were shown to have decreased stress and increased NK cells (natural killer) with laughter and humor. (Bennett 2003)

“Using humor to cope does not mean using humor to hide – the often maddening lament that we must keep a positive attitude no matter what.”
Dr. Paul McGhee
Research on Laughter

- Cortisol, epinephrine (also known as adrenaline) and dopac, (the major catabolite of dopamine), were reduced by 39, 70 and 38%, respectively during bouts of laughter. Chronically released high levels of these stress hormones can be detrimental to the immune system.

- Hearty laughter helps boost the immune system. Two hormones – beta-endorphins (the family of chemicals that elevates mood state) and human growth hormone (HGH; which helps with optimizing immunity) – increased by 27% and 87%.

- Mirthful laughter, as a preventive adjunct therapy in diabetes care, raised good cholesterol and lowered inflammation.

- Laughter oxygenates the blood, relaxes our muscles, and raises, then lowers, our heart rate and blood pressure (similar to aerobic exercise). (Berk, et al, 2001)
Laughter is a “social thing.”

➢ “Only 10 to 15 percent of laughter is the result of someone making a joke. Laughter is mostly about social responses rather than a reaction to a joke. Laughter above all else is a social thing. The requirement for laughter is another person.”

Robert Provine, PhD, Neuroscientist at the University of Maryland, Baltimore County
Stages of Laughter/Humor

- Stage 0: 0 - 6 months – Tactile stimulation/motor movement
- Stage 1: 6 - 12 months – Unusual behavior of an Attachment Figure
- Stage 2: 1 - 3 years – Treating an Object as a Different Object
- Stage 3: 2 - 4 years – Misnaming Objects or Actions
  - Stage 3a – Using Opposites as a Way to Misname
- Stage 4a: 3 - 5 years – Playing with words/sounds (not meanings)
- Stage 4b: 3 - 5 years – Nonsense Real-Word Combinations
- Stage 4c: 3 - 5 years – Visually absurd, Distortion of Features of Objects, People, or Animals
- Stage 5: 5 - 7 years – Pre-Riddles, Double meanings – Riddles

Let’s Talk about Movement

- Thomas Edison said, “Great ideas originate in the muscles.”

- “Children don’t exist only from the neck up. They are thinking, feeling, moving human beings who learn through all their senses. Rae Pica

- The US Centers for Disease Control and Prevention tells us that one in six children in the United States is obese.

- Linking Literacy and Movement, Rae Pica


- Storybook Yoga – Susan Hendler Lederer, Ph.D., CCC
The Benefits of Using Music for Receptive and Expressive Language and Emergent Literacy

Music can enhance:

- Events and daily routines
- Vocabulary and concepts
- Reading/phonemic awareness
- Sentence structure/grammar

Research: Jingles, Reading skills, Vocabulary and Focused Language Stimulation (Let’s count some words in a song)

What songs do you currently use? For what purpose?
The Benefits of Using Music for Receptive and Expressive Language and Emergent Literacy

- **Music has a “stuck in your head” component**
  - The “song-stuck-in-my head” (SSIMH) phenomenon has positive practical and emotional effects on ELL students, building greater confidence to produce speech. Sounds, words, phrases, and sentences of the second language may suddenly pop out and insistently ring in the student’s head through the use of music. The SSIMH phenomenon, along with corresponding visuals, can greatly condense what may have taken several hours of standard language drill and practice for second language learning.
  - See Bibliography on English Language Learners
The Benefits of Using Music for Imitation, Articulation, and Sound Blending

Gross Motor Imitation

Research: Thaut - Gait training in Parkinson’s disease

Verbal imitation, articulation, and sound blending – CAS literature

- Give sound blending practice.
- Slow the rate of a child’s speech to allow for better sound production.
- Use intonation and rhythmic flow.
- Focus on core words in a child’s vocabulary.
- Use cues that children can feel and see.
- Implement frequent repetition and frequent verbal practice that is enticing and motivating.
The Benefits of Using Music for Social Interaction

“Music produces a kind of pleasure which human nature cannot do without.” Confucius

Social Interaction

- Communicative Intent
- Greetings and Commenting
- Transitions, daily tasks, and social questions
- Answering questions and following directions

Research:

- Improvised Musical Play, increased interaction – Gunsberg, Edgerton
- Musical Social Stories – Brownell
- Daily tasks and Social questions - Sacks
- Is it the connection with people? Patients with aphasia improve with choral singing – Racette, et al.

Let’s hear from a mom who believes in the power of music.
Increasing Active Verbal Participation

The Verbally Enticing Song –

Think about the speech and language techniques embedded within a song.

“Sing a simple song that kids can simply sing!” Rachel Arntson

- Language or sounds within child’s verbal ability
  Let’s analyze “Itsy Bitsy Spider”
- Common vocabulary in daily routines and words of high interest.
- Frequent repetition. Focused Language Stimulation
  - Chains of three – Rock and Roll
  - Interludes of CV practice and sound effects
- Exaggerated and extended sounds and words. (Milk and Juice)
- Simplify the gross motor actions-
  Let’s practice – Baby Blowing Bubbles, Milk and Juice
Increasing Active Verbal Participation
The Verbally Enticing Song

- Predictability of a song – a distinct beginning, middle, and end.
- Universal Chant/Universal rhythm.
- Songs that invite participation. (Your turn)
- Slower rate and higher pitch.
- Calming or exciting music? What is best?
- Natural “musical tone” of the words and phrases.
Let’s practice!

- What happened?
- Where are you?
- I went to the store today. (vary the stress on the word)
- Happy birthday!
- STOP! At the door.
Increasing Active Verbal Participation
Props and instruments

Instruments - create conversations, not performances.

Experiment and know why you’re using them.

- **Shakers**, Blocks, Sticks, and Bells
- Streamers and **scarves**
- Paper plates
- Plastic eggs
- Bubbles, Horns and Kazoos
- Harmonicas
- **Picture frames** – Animal Faces
- Parachutes or Beach towels
- **Microphones**: Try paper towel rolls, plumbing pipes
Increasing Active Verbal Participation - Visuals

- Books with rhythm, rhyme, and repetition and carrier phrases.
  - *I Love, Hi*
- Picture song sheets, song choice pictures, and posters.
  - *Bye song, Baby Blowing Bubbles, Wheels on the Bus*
- Objects that relate to the song.
  - *Puppy song, What’s That?*
- Videos/video modeling with songs.
  - Let’s look at examples.
“Give me a laundry list and I'll set it to music.” Gioacchino Antonio Rossini

- There’s a songwriter in all of you!
- Use spontaneous song during therapy sessions.
  - Rapping dad and J.
  - Diaper time with O. – (My Eyes, eyes, eyes song)
- Ask parents to list their daily routines and their music.
- Brainstorm with parents how to add music to the day.
- A simple, do-able home program increases therapy effectiveness. (Grace)
Common Tunes for Spontaneous Singing

Let’s practice the phrases, “Baby’s blowing bubbles” and “I am walking.”

- Are You Sleeping?
- Camptown Races
- Did You Ever See a Lassie?
- Farmer in the Dell
- For He’s a Jolly Good Fellow
- Goodnight Ladies
- Hallelujah Chorus
- I’m a Little Teapot
- I’m Singing in the Rain
- Jingle Bells
- London Bridge
- Mary Had a Little Lamb
- Muffin Man
- Old MacDonald

- Pop Goes the Weasel
- Rockin’ Robin
- Ring Around the Rosie
- Row, Row, Row Your Boat
- She’ll Be Comin’ Round the Mountain
- Shortnin’ Bread
- Skip to my Lou
- The Ants Go Marching
- The Bear Went Over the Mountain
- This Old Man
- Twinkle, Twinkle, Little Star
- Wheels on the Bus
- Where, Oh Where Has My Little Dog Gone?
Music and Receptive and Expressive Language - Common Vocabulary and Concepts - Objects

- Sing – Sing/Speak – Speak
- Owie Song (Talk It Rock It CD Set 1)
  - Use props, pictures to enhance learning
  - Owie, owie day. Owie go away.
  - A hug, a kiss, a bandaid on. Owie, owie all gone.
- Johnny Found a Sock (Plain Talkin’)
  Johnny found a sock, yeah, yeah, yeah. Johnny found a sock, yeah, yeah, yeah.
  Johnny found a sock, yeah, yeah, yeah. And he put it on his head.
  Wait a minute! You don’t put a sock on your head.
  Where do you put a sock? That’s right! You put it on your foot.
Music and Receptive andExpressive Language - Common Vocabulary and Concepts – Objects and Actions

- Let’s Eat (Talk It Rock It CD Set 1)
  - Let’s eat, eat, eat. (your turn) Eat, eat, eat. (repeat)
  - Let’s eat pizza. (your turn) Pizza (3 x)
  - Pizza, pizza yum, yum, yum.

- Puppy Song (Talk It Rock It CD Set 1)
  - Puppy, puppy, puppy. Puppy won’t you play with me.
  - Puppy, puppy, puppy. I love my puppy.
  - He can jump. He can roll. He can run. Have lots of fun.

Think about props, pictures, videos, acting out the songs.
Music and Receptive and Expressive Language - Common Vocabulary and Concepts – Verbs and Colors

- **Action Interaction (Plain Talkin’)**
  Matthew likes to read. He reads each day.
  He reads and reads and reads.
  Can you guess what he’s doing now?
  Matthew is reading. Matthew is reading. Matthew is reading now.
  He’s reading now!

- **Larry Likes Lollipops (Plain Talkin’)**
  Larry likes lollipops. He loves them a lot.
  His tummy likes the lollies, but his tongue does not.
  You see his tongue turns colors When he licks those pops.
  What color is his tongue right now?
  It’s the color of the sun. It’s the color of a lemon.
  What color is his tongue right now? It’s yellow! You’re right. It’s yellow.
Music and Receptive and Expressive Language - Questions

- Do You See the_____ (Muffin Man)
  - Helping children follow a point
- Shortnin’ Bread – The GREATEST song for improv!

- Using Rock and Roll for Grammar Structure Practice
  - She’s Got a Ticket to Ride, It’s So Easy, I Wanna Go Home, Let It Be, Let’s go to the Hop, Taking Care of Business, We Will Rock You, Under the Boardwalk, I Feel the Earth Move, **Snowman**
- Where Did My Shoes Go? (Talk It Rock It CD Set 2)

- What’s That? (Talk It Rock It CD Set 3)
  - What’s that? It’s a ball. What’s that? It’s a ball.
  - What’s that? It’s a ball. Yes, it is a ball.
Music and Receptive and Expressive Language
Daily Routines

“Most of us go to our grave with our music still inside of us.” Unknown

➢ Wash Your Hands (Shortnin’ Bread)

Wash my hands now. Wash them now.
Wash my hands now. This is how.

Turn the water on like this. Get some soap now. Just one push.
Rub my hands and get them wet. Rub, rub, rub, rub, rub! That’s it!
Rinse the soap off. Grab a towel. Dry my hands now. Yes! That’s all!
I washed my hands now I’m all done.
I washed my hands, and that was fun.
Music and Receptive and Expressive Language
Daily Routines

Children with interaction disorders benefit from a predictable routine to learn language. A song can help.

- I brush my teeth on the bottom. I brush my teeth on top. I brush and brush and brush and brush. I brush and then I stop. (BINGO)
- I can put my jacket on. Jacket. Jacket. I can put my jacket on. Hey, hey, hey! Put my arm in here. Other arm in there. I can put my jacket on. Hey, hey, hey! (Camptown Races)
- During diaper changing.
- My eyes, eyes, eyes. My nose, nose, nose. My hair, hair, hair. My toes, toes, toes. (Mexican Hat Dance)
- Sequencing activities
  Military chants – Scrambled Eggs
Music and Emergent Literacy, Reading, Writing, and Phonemic Awareness

➢ Research
  ➢ Ann Kay, Rock ‘N’ Read, LifelongMusicMaking.org
  ➢ Reading for kindergarten – Dr. Patrick Walton, Thompson Rivers University, British Columbia

➢ 5 Components to Emergent Literacy
  ➢ Oral Vocabulary
  ➢ Phonological awareness – rhyme, alliteration, syllabication
  ➢ Print Awareness
  ➢ Alphabet knowledge
  ➢ Emergent Writing

➢ Literacy benefits when using music for all children!
  ➢ Sound segmenting, rhyming, sound similarities, syllable counting, keeping the beat.
Music and Emergent Literacy, Reading, Writing, and Phonemic Awareness

➢ Sing and Eat to the Alphabeat (Talk It Rock It CD Set 2)
  Pizza, pickles, popcorn, too. P- P- P That’s the sound we do.
  Eat them. Eat them. How about you?
  Pizza, pickles, popcorn, too.
  P- P That’s the sound we do. P- P That’s the sound we do.
  P- P That’s the sound we do. Peanuts, pickles, popcorn, too.

➢ Baby Blowing Bubbles (Talk It Rock It CD Set 1)
  Baby blowing bubbles, bubbles, bubbles.
  Baby blowing bubbles up, up, up. (repeat)
  Baby blowing bubbles on her nose.
  Baby blowing bubbles on her toes.
  Baby blowing bubbles in her hair.
  Baby blowing bubbles everywhere!
Music and Gross and Fine Motor

- Paper Plate songs – William Tell Overture
- Scarf songs –
  **Fish, Birds, and Bunnies,** (Talk It Rock It CD Set 3)

Wave your scarf like a fish in the sea. Wave it now. Wave with me.
Swim, swim, swim in the sea. Swim, swim, swim with me.
Wave your scarf like a bird in the sky. Wave it now. Fly, fly!
Fly, fly, fly! We’re free! Fly, fly, fly with me.
Shake your scarf like a bunny on the ground. Shake it now all around.
Hop, hop, hop on the ground. Hop, hop, hop all around.
Music and Gross and Fine Motor

- Skater’s Waltz - Waldteufel
  - Children put shoe boxes on feet and skate
- Flight of the Bumblebee – R. Korsakov - Use your imagination
- Arriba y abajo
- Hippo song – A hip, a hip, a hippopotamus. He climbed. He climbed. He climbed into the bus. And all the children on the bus said, “You’re squishing us.”
Music and Gross and Fine Motor

- **Walking Elephants**, *(Talk It Rock It CD Set 5)*

- **I Am Walking Slowly (Pop Goes the Weasel)** © Rachel Arntson, 2007
  *(Use a mesh scarf.)*
  I am walking slowly. You are walking, too. We are walking slowing. Ah ah choo! *(throw your scarf in the air.)* *(Other endings – Boo, got you. I surprise you. Ya hoo!)*
Music and Gross Motor Imitation

- Use musical instruments to encourage imitation.
  - Drumsticks – Have your own or share the drumstick.
  - Egg shakers.
  - Scarves
- Don’t expect children to sing during these songs.
- Use the classic favorites. Tell parents the purpose to these songs.
  - Five Little Monkeys
  - The Wheels on the Bus
Music and Verbal Imitation, Articulation, and Sound Blending

“All the sounds of the earth are like music.” Oscar Hammerstein

- Spontaneous jamming during play creates vocalizing during motor tasks – use egg shakers, blocks
- Humming, vowels, and consonant-vowels to any song
- Noisy, Noisy, Noisy (Talk It Rock It CD Set 1)
  Noisy, noisy, noisy. Someone’s being noisy. Is it you?
  Noisy, noisy, noisy. Someone’s being noisy. Is it you?
  Someone’s sneezing. Is it you? (ahchoo)
  Coughing, Kissing
  Blowing, Yawning
Music and Verbal Imitation, Articulation, and Sound Blending

- **Who Are You?** (Talk It Rock It CD Set 5)
  Tune – 99 Bottles of Pop – Use *animal face posters*

  Who is the cat today? Rachel is the cat today?
  And what does the cat say? Meow (your turn) Meow

  With younger children, simplify the lyrics

  Who is the cat today, and what does the cat say?
  Meow (your turn) Meow

Let’s watch a video
Music and Verbal Imitation, Articulation, and Sound Blending

- The Power of Rock and Roll
  - Staying Alive – Ben
  - The Lion Sleeps Tonight

**Monkey Song** (Talk It Rock It CD Set 1)
- Combines gross motor with vowel imitation

Monkey, monkey, swinging in a tree. 
Monkey, monkey, he’s talking to me. 
Oo oo oo oo ee ee. Oo oo oo oo ee ee. (your turn) 
Oo oo oo oo ee ee. Oo oo oo oo ee ee. 
Monkey, monkey, monkey, he’s swinging in a tree.
Music and Verbal Imitation, Articulation, and Sound Blending

- **Vowels (Talk It Rock It CD Set 3)**
  Drop your jaw. Say ah, ah, ah (ah, ah, ah, ah, ah, ah, ah)
  Round your lips. Say oh, oh, oh (oh, oh, oh, oh, oh, oh, oh)
  Now smile like me say ee, ee, ee, (ee, ee, ee, ee, ee, ee, ee)
  Pucker real tight say oo, oo, oo. (oo, oo, oo, oo, oo, oo, oo, oo)
  Ah, ah, oh, oh, oo, oo, ee. Now you can sing that with me.
  Ah, ah, oh, oh, oo, oo, ee. Great job, kids, singing with me!

- **Vowel song (tune Skip to my Lou)**
  I can say them. You can, too.
  You can say them. Sing with me.

Let’s watch a visual example of this song. Consider video-taping your students while singing songs.
Songs for Spontaneous Sound Blending

- Take pressure off the child by decreasing the request to imitate.
- Model spontaneous song during play or daily activities. Use chains of CVs and vowels for sound blending. Use easy tunes to help child move and verbalize simultaneously. (Spontaneous song with S)
  - Shortnin’ Bread
  - Twinkle Little Star
  - Use phrases with inflection such as “Where are you?” during play.
  - Sing ABCs and Happy Birthday to YOU! with zest.
Never underestimate the power of classical songs for vowel and consonant-vowel imitation.

- Camptown Races – I can say the “ah” sound. Ah ah ah ah
- Beautiful Blue Danube – Well, I can say “ah” Ah ah ah ah
- Skip to my Lou – Ah ah ah ah ah, Oh oh oh oh oh, Oo oo oo oo oo. I can say them. You can, too.

- Eine Kleine Nachtmusick – Mozart
- Barcarole from “The Tales of Hoffmann” – Offenbach
- Tritsch Tratsch Polka – Strauss
For this free vowel picture, go to http://www.talkitrockit.com/pages/FREEResources/
Music and Verbal Imitation, Articulation, and Sound Blending
Consonant-Vowel practice

- Rock and Roll – Why are we attracted to it?
- She Loves You – (Beatles) Alex
- Land of 1,000 Dances and Singing A Song (hand cues)
- The New BMW
  - use microphone tubes (use hand gestures/cues)
- Who Let the Dogs Out? – Vary the song with sound practice - Who let the B’s out, b b b b

- If playing a toy xylophone, piano, or drum, model consonant-vowel productions to give children “permission” to sing their own songs that “they can simply sing.” (O and his xylophone app)
Imitation of CV, Words, and Phrases

- Focused language stimulation – Use songs that repeat the target words. Use visuals to enhance learning.
  - Baby blowing bubbles, bubbles, bubbles.
    Baby blowing bubbles. Up, up, up.
  - Puppy, puppy, puppy. Puppy won’t you play with me.
    Puppy, puppy, puppy. I love my puppy.
  - What’s that? It’s a ball. What’s that? It’s a ball.
    What’s that? It’s a ball. Yes, it is a ball.
- Hi and Bye songs – Teach the skill with a song and then focus on generalization.
Imitation of CV, Words, and Phrases

- Chains of 3 combined with gestures
  - Toast in a toaster. 1-2-3.
    Who’s gonna eat it? Me, Me, Me!
    Toast in a toaster. Pop, pop, pop.
    Take a bite and eat it up! Num, num, num.

- Open ended sentences that rhyme.
  - I love bubbles. I love rocks. I blankies. I love socks.
    I love pickles. I love cheese. I love orange freshly squeezed.

- Combinations of isolated sounds, CV, words, and phrases
  - Fish, Sharks, and Shells
    Fish in the ocean. Fish in the sea.
    Fish, fish, fishie. Catch it with me.
Music and Verbal Imitation, Articulation, and Sound Blending
Final Consonants and Two Syllables

- Put the Sound on the End (Talk It Rock It CD Set 1)
  - Put the sound on the end.
  - Put the sound on the end and make them loud.
  - Put the sound on the end as LOUD as you can.
  - Put the sound on the end.
  - Remember now, put the sound on the end.
  - Make them pop as loud as you can.
  - Up (up) help (help) cup cup cup (cup cup cup)
  - Eat eat eat (eat eat eat) hat (hat).

- Tiny Tony (Talk It Rock It CD Set 3)
  - Tiny Tony, doggie, doggie. Tiny Tony I love you.
  - Oh do ya, do ya, do ya love me. Do ya, do ya, do ya do.
  - He’s got tiny, tiny tiny teeth. Teeth, teeth, teeth, teeth.
I See a Bug (Talk It Rock It CD Set 3)

Bugs over here, and bugs over there? Bugs, bugs are everywhere!
I see a blue bug. (your turn) blue bug. Oo yuck (your turn) oo yuck.
I see a red bug. (your turn) red bug. Oo yuck (your turn) oo yuck.
I see a yellow bug. (your turn) yellow bug. With lots of legs for lots of hugs.
Hugga, hugga, hugga, hugga who? (your turn) Hugga, hugga, hugga, hugga who?
Hugga, hugga, hugga, hugga you! (your turn) Hugga, hugga, hugga, hugga you!
Music and Verbal Imitation, Articulation, and Sound Blending

Think about the sound possibilities with your songs. These are mine. List yours!

- **B** — Bye, Bananas, Baby Blowing Bubbles, Bus, Boat, Bike
- **P** — Puppy
- **T, D** — Tongue Tip Time, **Tiny Tony**
- **W** — **Wheels**, Ride the Horsie, Bath Time
- **Y** — Ride the Horsie
- **G** — Go, Drive a Car
- **K** — Cake and Cookie Birthday,
- **H** — Hi, Ha Ha Hiding, **Ha-Ha-Ha**,
- **M** — Milk and Juice, Monkey-Moose-Mouse,
- **N** — No No Nigh Night
- **CH** — Express Train, Booga Choo Choo, **Jump on the Choo Choo**
- **J** — **Jump on the Choo Choo**
- **L** — I Love
- **S** — Hissing Snake
- **SH** — **Fish-Shark-Shells**
- **F** — **Fish-Shark-Shells**
Music and Verbal Imitation, Articulation, and Sound Blending

Let Me Hear You Say, (Talk It Rock It CD Set 3)

Let me hear you say my key. (my key, my key)
Let me hear you say monkey. (monkey, monkey)

Let me hear you say bye cat. (bye cat, bye cat)
Let me hear you say bike hat. (bike hat, bye hat)

Let me hear you say mess, mess (mess, mess, m
Let me hear you say rake, rake (rake, rake, rake,

Let me hear you say ice water (ice water, ice water)
Let me hear you say house key (house key, house key)
Music, Social Interaction, Communicative Intent, and Laughter Elicitors
Laughter Elicitors without Objects

- **Ah-Choo** – Nothing better than this!
- **Peek-a-Boo variations** –
  - Baby lying down, lift feet over head, bring down, and say Peek!
  - Behind a couch, a table, chair – use a puppet and choose different places from where the object jumps out
  - Mirror looking – Drop down and pop up
- **Sleeping Bear** - Pretend snoring and sleeping – being dramatic, chasing
- **Hide and Seek** – taking turns hiding
- **Sock Stealing**, smell child’s feet and react, “yuck”
- **Catch and Hug** games as opposed to Chase games
- **Raspberries** on the tummy, toes
- **Sound effects** when getting kids dressed
Laughter Elicitors with Objects – Don’t forget your reactions

- Disappearing Noodle
- Popper rocket toys and wind-up toys
- Scarf Magic – Tie scarves together and let child pull the long string out of your sleeve
- Bubbles
- Tunnels and Tubes
- Animal Face Posters – Kids’ Express Train
- Objects in a bag or sock – Pull them out one at a time with fanfare
- Ripping paper
- Stacking blocks and watching them fall
- Puppets that will EAT THINGS!
- Swinging in a blanket, pulling on the floor on a blanket, pulling in a laundry basket
- Hiding objects in child’s pants leg or shirt
Music, Social Interaction, and Communicative Intent

- Songs for teaching communicative intent can teach:
  - Increasing staying power – number of reps.
  - Establishing shared enjoyment, eye contact.
  - Increasing ability to initiate with gestures or sounds to continue the game or start again.
- Teaching language in a predictable way.
- Use “Ready, Set, Go” or “1, 2, 3 Go” when possible
- Wiggle, Wiggle, Wiggle – © Rachel Arntson, 2002 – Child lies on the floor as you move his legs. He pushes you over.

Wiggle, wiggle, wiggle. Wiggle, wiggle, wiggle
Wiggle, wiggle, wiggle. Push. Oh you pushed me over.
Music, Social Interaction, and Communicative Intent

- Here Comes the Mousie © Rachel Arntson, 2002 – Go up child’s arm with your finger, tickling him under his chin at the end.
  Here comes the mousie living in the housie.
  Is he there? Is he there? No, he’s THERE!

- Row, Row, Row Your Boat
  Adapt the lyrics, release hands, fall to the side, and wait for child to initiate.
  Row, row, row your boat. Fishie swim.
  Row, row, row your boat. We fall in.

- Horsie Go to Town, Author unknown
  Bounce child on your lap. Child falls through your legs.
  Horsie, horsie go to town.
  Horsie, horsie don’t fall down!
Music, Social Interaction, and Communicative Intent

- **Ahchoo**
  
  I am a little puppy playing peek-a-boo. Got a tickle on my nose.
  
  Ah ah choo! Woof woof! Ah ah choo! Woof woof!

- **Swinging, swinging, swinging, Whee!** (Child is lying down in a blanket.)

- **Fishie in the Water**

  Fishie in the water, fishie, fishie. Fishie in the water, swim, swim, swim.
Music, Social Interaction, and Greetings

- Who’s in the Window? (I’m a Little Teapot) Use a picture frame to give a cue for imitation and to increase eye gaze.
  Who’s in the window? Who do we see?
  Jacob, Jacob lookin’ at me.
  Hi, Hi, Hi, Hi, Hi.

Hello How Are You? (Mary Had a Little Lamb) © Rachel Arntson, 2003,
Hello Erik, How are you?
How are you? How are you?
Hello Erik, how are you?
Who is sitting next to you?
Music, Social Interaction, and Greetings

- **Hi (Talk It Rock It CD Set 1)**
  Use picture sheets. Add names of children as opposed to common object names. Songs like “Hi” can give the repetition needed to learn a skill. Rote learning like “Hi” can be expanded to “real” social greetings.
  
  Hi, Hi, Hi (your turn) Hi, Hi, Hi (children repeat all two word phrases)
  Hi table. Hi sun. Hi car. All done.

- **Bye (Talk It Rock It CD Set 1)**
  Bye bye bye bye bye bye bye bye (repeat)
  Goodbye friends I had fun. Singing songs and talking a ton.
  But now it's time to say bye bye bye bye bye
  Bye baby (bye baby) bye ball (bye ball)
  Bye bubble (bye bubble) bye doll (bye doll)
Learning our Names

Jump on the Choo Choo  *(Talk It Rock It CD Set 3)*

Emphasizes children’s names

Jump, jump, jump on the choo choo.
Jump, jump, jump on the choo choo.
Jump, jump, jump on the choo choo.
Choo, choo, choo, choo, choo, choo, choo train
Hello __________ Jump on the choo choo.
Hello __________ You come, too.
Hello __________ Jump on the choo choo.
You and you and you.
Music and Social Interaction

“Country music is three chords and the truth.”
Harlan Howard

Use songs for transitions and tough situations. (Harmonica?)

- All Done (Talk It Rock It CD Set 3)
  All done, all done, all done playing. All done, all done toys. (cha cha cha)
  All done, all done, all done working. All done, all done. (cha cha cha)

- Fire Drill © Rachel Arntson 2006 (Ring Around the Rosie) Practice for a fire drill before the drill takes place. Teach deep breathing as a strategy for coping with loud noises.
  Fire drill, fire drill
  Really loud fire drill
  Take a breath, oooo ahhh
  Time to get in line. (Time to go outside.)
**Dentist Day © Rachel Arntson, 2005 (Rockin’ Robin or Shortnin’ Bread)**

I’m going to the dentist with a great big chair.  
It goes up and down, but I won’t be scared.  
I’ll open my mouth so the dentist can see,  
Lots and lots of teeth in me.  
Ch, ch, time to polish my teeth. Ch, ch, this polish tastes so sweet.  
Ch, ch, It’s a dentist day. Ch, ch, I’ll be OK.

**Haircut Day © Rachel Arntson, 2005 (Rockin’ Robin or Shortnin’ Bread)**

I’m gonna get a haircut in a great big chair.  
It goes up and down, but I won’t be scared.  
I’ll sit real still so the lady can cut,  
With scissors or clippers. Cut, cut, cut.  
Cut, cut. I’ll see my hair on the floor. Cut, cut Now she’ll cut some more.  
Cut, cut, I will be OK. Cut, cut, It’s a haircut day.
Music and Social Interaction - Detecting Affect

- Moonlight Sonata - Beethoven 😞
  - Combine songs with pictures of faces
  - Sad song

- Waltz No. 1 - Chopin 😊
  - Happy and alerting song

- In the Hall of the Mountain King, Suite No.1, op.46 - Grieg 😈
  - Scary song
Music and Social Interaction - Detecting Affect

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  - Scary song
THANK YOU!

“Every moment is a note, every situation a song, and every person is a player.”

Rachel Arntson

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Bibliography


Bibliography


Bibliography


Bibliography


Bibliography on Movement


Bibliography for Childhood Apraxia of Speech


