



Jumpin' Numbers and Shakin' Shapes

Volume 1

Handmotions

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www.heidisongs.com

Using Music and Movement to Reach Your K-1 English Language Learners

Presented By Heidi Butkus

More Info: www.heidisongs.com

The methods suggested in this presentation are supported by brain research and are also consistent with "best practices" recommended by the Learning Disability Association, the Council for Exceptional Children, the International Dyslexia Association, and other respected organizations. I took the principals that worked for language arts and applied them to math instruction, and this is what I got!

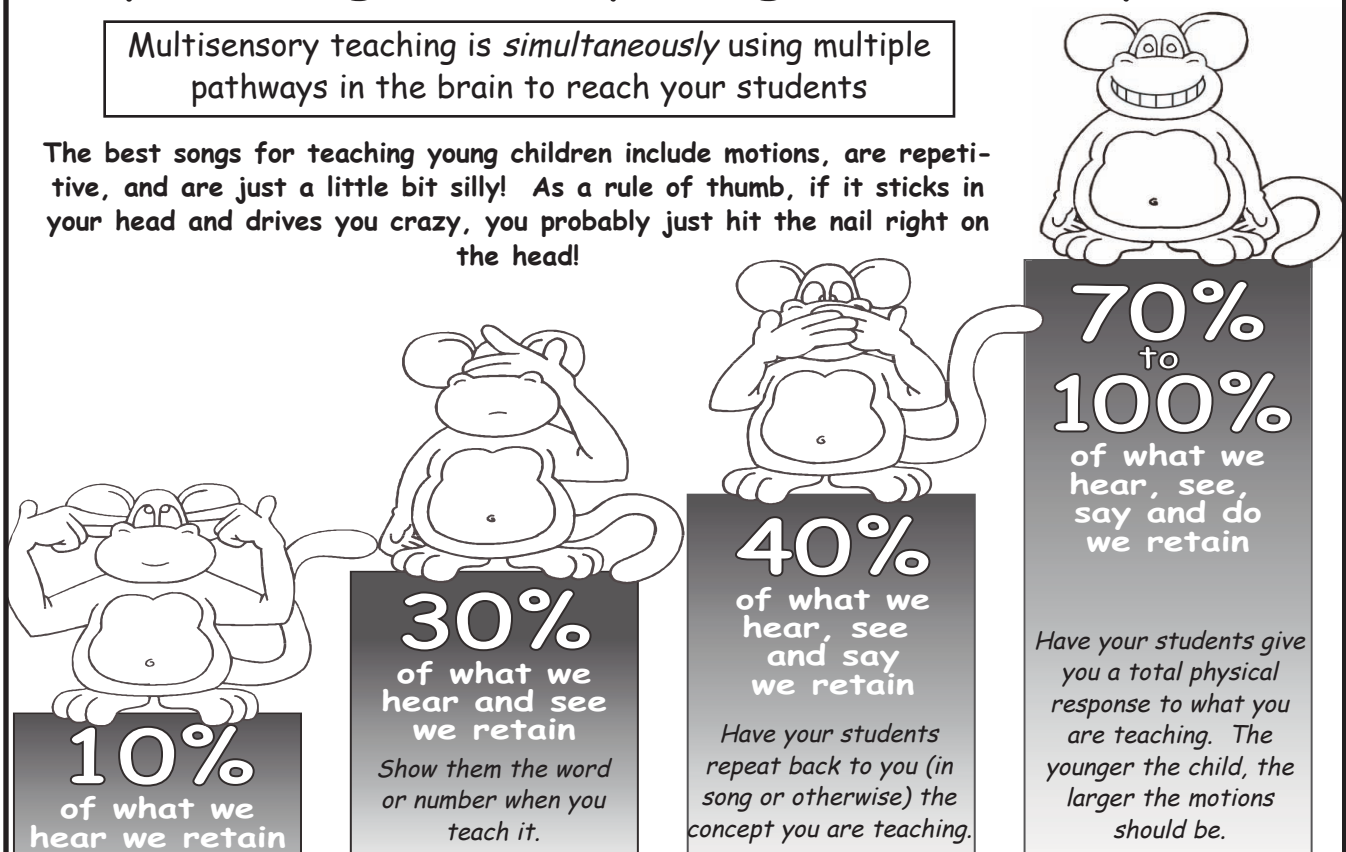
I found that the methods that work consistently well take advantage of *simultaneous* multisensory teaching techniques. This is simultaneous multisensory teaching in a nutshell:

The more senses involved all at once, the better you retain information.

Help! I've got a silly song stuck in my head!

Multisensory teaching is *simultaneously* using multiple pathways in the brain to reach your students

The best songs for teaching young children include motions, are repetitive, and are just a little bit silly! As a rule of thumb, if it sticks in your head and drives you crazy, you probably just hit the nail right on the head!



Why is does this work? If one pathway to the brain is blocked, (as in a learning disability) there are other alternatives or paths to take in information.

Why use special education techniques to help children who are merely learning English as their second language? Because if you use techniques designed to get past a learning disability, you will very likely be able to teach them the content **no matter what!** Simply over-compensate for the lack of English language skills by using techniques designed for students with learning disabilities. **Then you can be fairly sure that if it is possible for them to learn, they WILL learn! Then add as much language into it as possible!**

Teaching Ideas to Build Numeral Recognition and Number Concepts

* **You can make games out of the Jumpin' Numbers and Shapes flashcards** by putting them into any kind of numeral recognition game, such as Bingo. The HeidiSongs Resource CD has these images saved in both jpeg and pdf formats, so they can be used as clip art. To play "Bang!": The dealer gives each child a card, one at a time. The child tries to identify the card. There is no penalty for not knowing the answer. If a child receives a "Bang!" card, then he or she gets all of the children's cards at the table. When the dealer's cards run out, the child with the most cards is the winner.

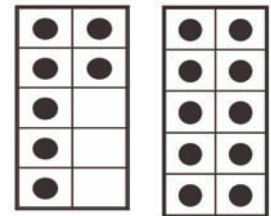
* **Print various numerals on paper plates with a marker.** Have children place the correct number of counters on each plate. Work on one number at a time, adding more as the children master each number.

* **Make a "Number Gadget!"** Get some cardboard, and put some numbers cut out of sandpaper on it. Then put that quantity of stickers on the back of it. Add a grommit for a shoe lace on the corner of the cardboard. Have children string the correct number of beads onto the sting so that it matches the numeral.

* **Building Number Concepts:** Use Ten Frames and Counters

Download ten frames free at www.heidisongs.com. Have the children look at the ten frames and try to copy that number into a modified egg carton that has just ten spaces- five on each side. Or, get the CountEN Sorting Cartons at <http://www.etacuisenaire.com>. Ice cube trays with ten spaces also work great.

Sometimes these can be found at the 99 cent store. Change the objects with the seasons or the units of study, or change them with the holidays. We use small sea animals, zoo animals, insects, Chirstmas counters, Valentine's Day counters, cereal, etc.



* **The Ten Frame Game:** Shuffle the ten frame cards face down and have a child draw one. He should then tell you how many it shows, and show you that many fingers. Then he should build the number in the carton. Every time they complete one, I let them put a rubber stamp on an index card.

* **Building Number Concepts:** The Number Tree

The children draw a Ten Frame and count the dots. Then they color or paint in the apple on the tree.

* **Build Number Towers with unifix cubes.** Have children stand them up on end in order so that they build a gradually growing tower. (From Developing Number Concepts Using Unifix Cubes by Kathy Richardson)

* **Build addition concepts by starting with "one more than."** One more than three is four, etc. Also, just having them build trains of a certain number many times is good practice!

* **Use a permanent marker to write numbers on unifix cubes separated by color.** Then have the children practice putting them in order. Keep them on hand so that children may practice whenever they finish their work.

* **Sing the number song** and then have children build that number with base ten blocks to help build number concepts, writing the numeral above the blocks.



All Heidisongs products also available on DVD to show visual aids and to help demonstrate the kinesthetic movements which activate the muscle memory required by some children to help them remember. Makes learning fast, fun and easy as they sing along to the music for a true multi-sensory learning experience!
Order Online @ www.HeidiSongs.com

Additional resources available at
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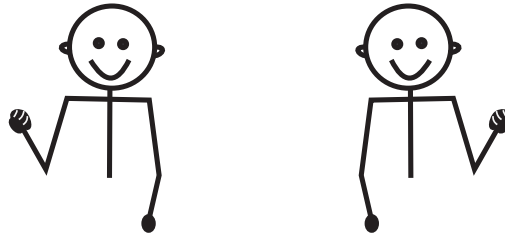
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Number 0

(by Heidi Butkus)

Show zero fingers with both hands alternately



Zero, zero!

Shake finger "No"



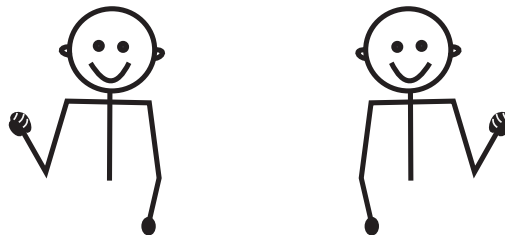
There's nothing there you know.

Make a big circle with your arm



So make a circle, round you go!

Show zero fingers with both hands alternately

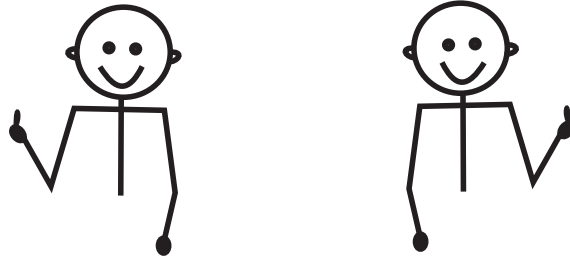


Zero, zero!

Number 1

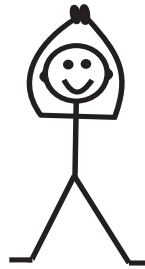
(Sounds like "Polly Wolly Doodle" - "Fare thee well" refrain)

Show one finger
with both hands
alternately



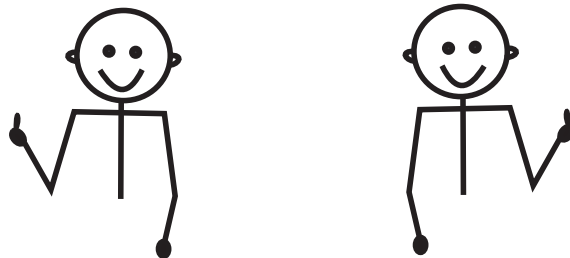
Number 1, number 1,

Swing both
hands up over-
head and clap



You are long and straight and tall.

Show one finger
with both hands
alternately



Number 1, number 1,



You're always first of all.

Number 2

(Sounds like "Hot Cross Buns")

Flap arms like wings
on each word, "two"



Two, two, two,

Flap arms like wings
on each word, "two"



Two, two, two,

Flap your left wing!

Flap your right wing!

Flap one "wing"



Flap the other "wing"

Two's a ducky, very lucky,

Flap arms like wings
on each word, "two"

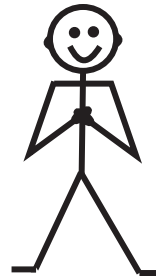
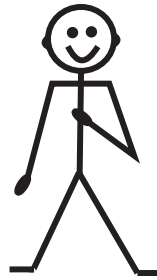


Two, two, two!

Number 3

(Sounds like "Reveille")

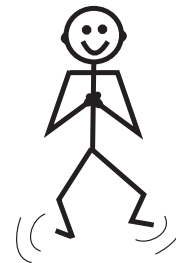
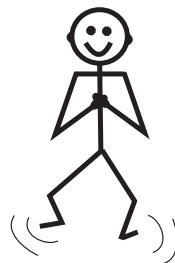
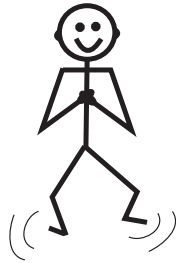
Place one hand in front of you, like a kangaroo



Place the other hand in front of you also

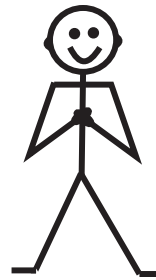
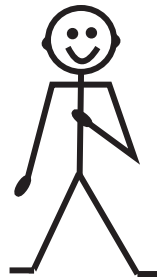
Kangaroo, kangaree

Hop
3 times



Goes three, three, three,

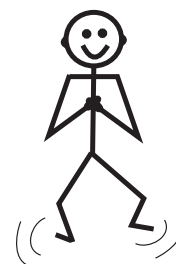
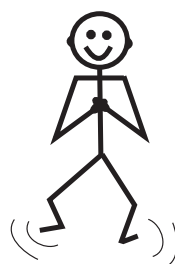
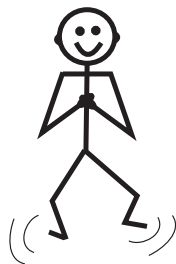
Place one hand in front of you, like a kangaroo



Place the other hand in front of you also

Kangaroo, kangaree

Hop
3 times

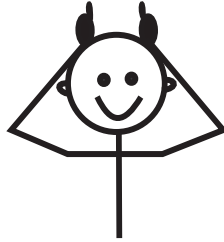


Goes three, three, three!

Number 4

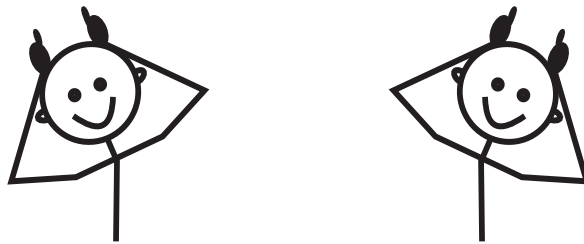
(Sounds like "The Bunny Hop")

Place hands on head
like bunny ears, and
sway back and forth



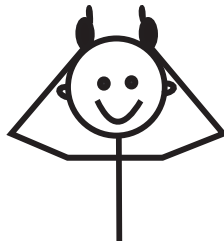
4 is like a bunny

Continue swaying as
before



As it hops around the floor,

Keep swaying with
hands on head
making bunny ears



4 is like a bunny,

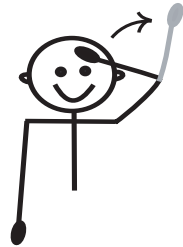


Four, four, four!

Number 5

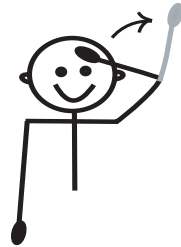
(Sounds like "Clementine")

Give a salute!



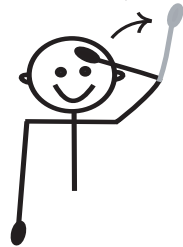
Place hand on temple,
and "salute" each
time you say "five"

Give a salute!



Number 5, number 5,

Give a salute!



Place hand on temple,
and "salute" each
time you say "five"

Show Me Your Fat!



Make a big belly with
your hands to show
"fat"

Number 5 is round and fat!

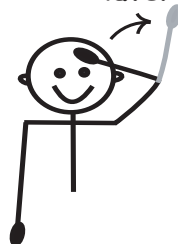
Show Me Your Fat!



Make a big belly with
your hands to show
"fat"

He's got a great big belly button,

Give a salute!



Salute on the word
"hat"

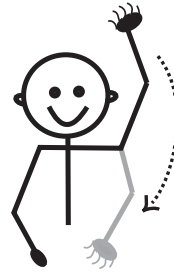
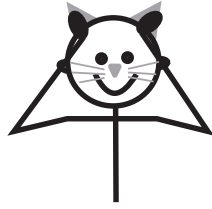
And he wears a funny hat!

Number 6

(Sounds like "The Wheels on the Bus")

Be a cat!

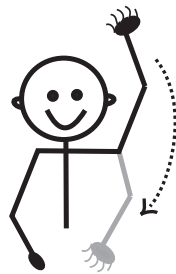
(Put hands on head to show cat ears)



(Scratch the air like a cat on the word six)

My little kitty cat goes number six,

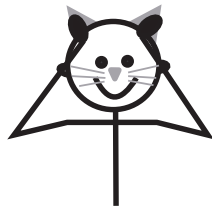
Scratch the air like a cat each time you say six



Number six, number six,

Be a cat!

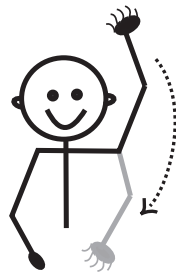
(Put hands on head to show cat ears)



(Scratch the air like a cat on the word six)

My little kitty cat goes number six,

Scratch the air like a cat each time you say six

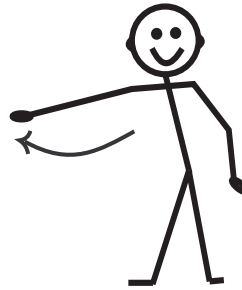
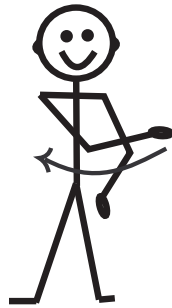


Six, six, six!

Number 7

(Sounds like "The Dreidle Song")

Each time you say "seven," do a karate chop with alternating hands



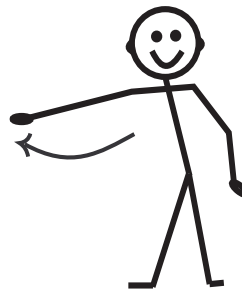
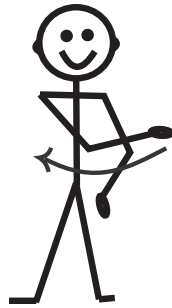
Seven, seven, seven.

Point to your head!



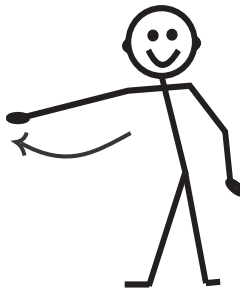
It's pointy on the top.

Each time you say "seven," do a karate chop with alternating hands



Seven, seven, seven.

Do one last big karate chop on the word chop. Then do another and shout "hual!"



A big karate chop! Hua!

Number 8

(Sounds like "This Is The Way the Ladies Ride")

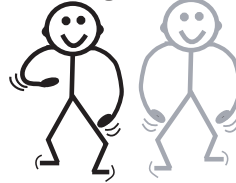
Scratch a Flea!

Scratch under your arm like a monkey



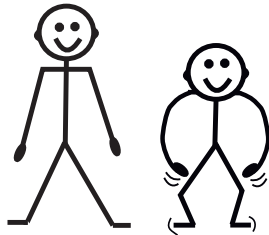
Pretend you're a gorilla!

Bend knees and arms like a monkey on the word "eight"

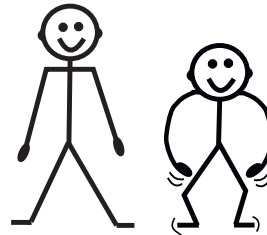


Scritchity scratch goes number eight,

Stand up straight then bend knees and arms like a monkey



Stand up straight then bend knees and arms like a monkey



Number eight, number eight.

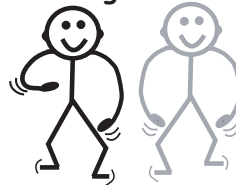
Scratch a Flea!

Scratch under your arm like a monkey



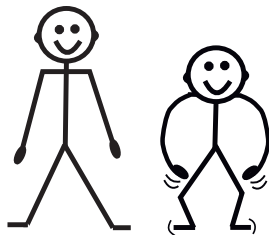
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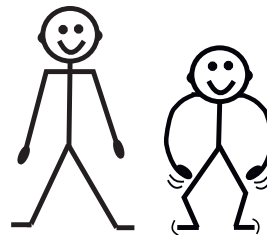


Scritchity scratch goes number eight,

Stand up straight then bend knees and arms like a monkey



Stand up straight then bend knees and arms like a monkey



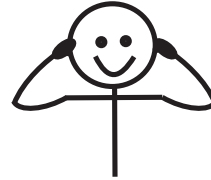
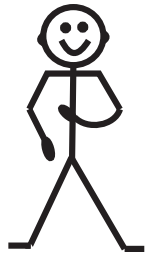
Monkey number eight!

Number 9

(Sounds like "London Bridges")

Hug yourself!

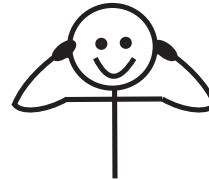
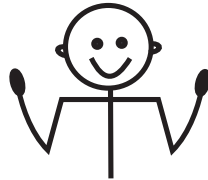
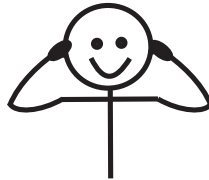
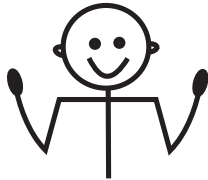
Put one hand across chest on shoulder, and then the other, as in giving yourself a hug



Cup hands behind ears to show a bear's ears each time you say "nine"

Snuggle wuggle number nine,

Pull hands away from ears, then cup hands behind ears

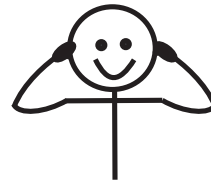
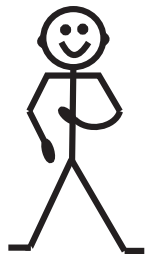


Pull hands away from ears, then cup hands behind ears

Number nine, number nine,

Hug yourself!

Put one hand across chest on shoulder, and then the other, as in giving yourself a hug



Cup hands behind ears to show a bear's ears each time you say "nine"

Snuggle wuggle number nine,

Hug yourself!

Rock back and forth, giving yourself a hug



Hug your Teddy

Number 10

(by Heidi Butkus)

Show ten fingers,
then point to toes



Ten fingers, ten toes,

Point to your nose

Point To Your
Nose!



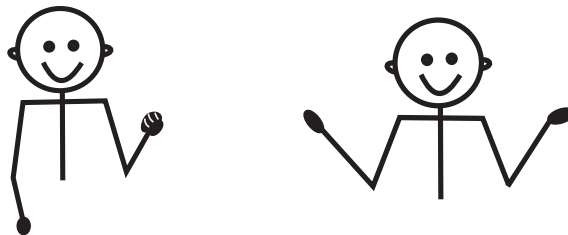
Ten bumps upon my nose!

Show one finger



First - a one,

Show a fist with zero
fingers, then hold
palms out to show that
you are all done.



A zero, then I'm done!

Swing hands side to side
and shake hips in time to
the music: right- left-
right, left - right- left

1-100 Song

(by Heidi Butkus)



1, 2,



3, 4,



5, 6,



7,



8, 9,



10,



11,



12

Roll Hands

(Roll arms
facing to the
right hand
side.)



13, 14,

(Roll arms
facing to
the left
hand
side.)



15, 16,

Roll Hands

(Roll arms
facing the
front.)



17, 18,

Pat your legs in
time with the music!

Pat legs three times
on the last three
beats of the
phrase.



19, 20!

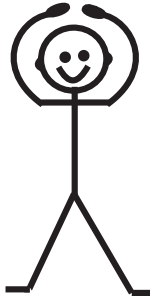
21, 22, 23, 24, etc.

Repeat hand motions from the beginning,
substituting the next set of numbers from 21-30, then 31-40, etc.

The Circle Song

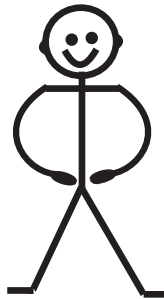
(Sounds like "Sally Go Round the Sun")

Make a circle with your arms in front of you.



A circle is like the sun,

Make a circle with your arms overhead.



A circle is like the moon,

Pretend to bounce a ball.



A circle is like the ball I bounce

Jump and clap on the word "Boom!"

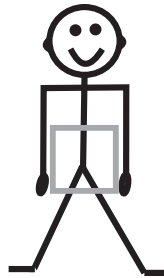


Every afternoon. Boom!

The Square Song

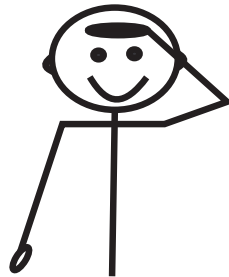
(Sounds like the "Birthday Song")

Pretend to hold out a present to a friend.



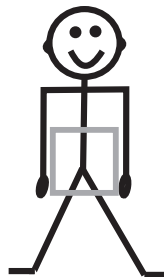
A square is a box,

Hold one hand over eyes as if looking at something.



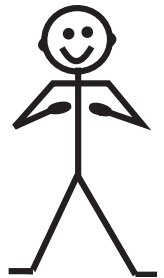
A present you see,

Pretend to hold out a present to a friend.



A square is a present

Point to yourself with your thumbs.



Happy Birthday to me.

The Triangle Song

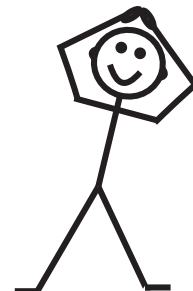
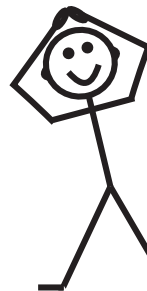
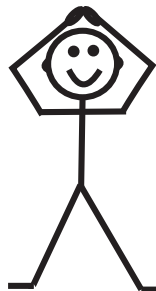
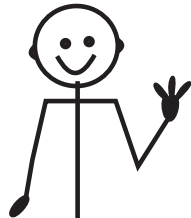
(Sounds like "Pier Gynt Suite")

Show three fingers on one hand.

Hold hands over head in a triangle shape to show a pointed hat.

Sway from side to side on each word "triangle."

Show Three Fingers!

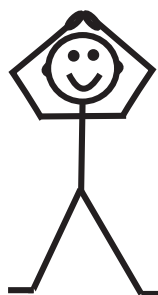
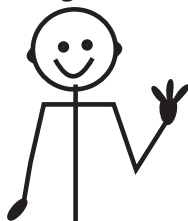


Three sides has the triangle, triangle, triangle,

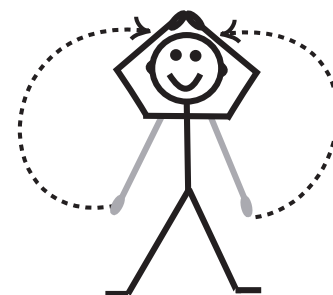
Show three fingers on one hand.

Hold hands over head in a triangle shape to show a pointed hat.

Show Three Fingers!



Swing hands around to make another pointy hat over head.



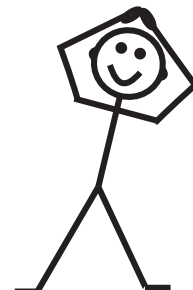
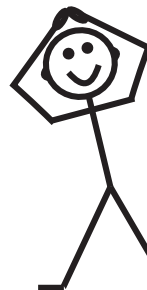
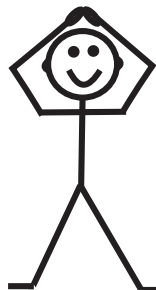
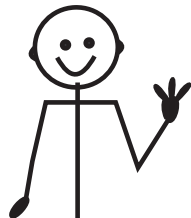
Three sides has the triangle just like a pointy hat!

Show three fingers on one hand.

Hold hands over head in a triangle shape to show a pointed hat.

Sway from side to side on each word "triangle."

Show Three Fingers!

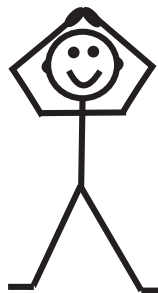
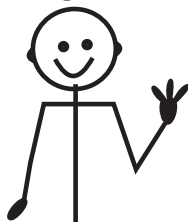


Three sides has the triangle, triangle, triangle,

Show three fingers on one hand.

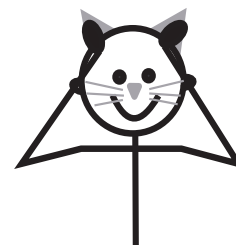
Hold hands over head in a triangle shape to show a pointed hat.

Show Three Fingers!



Hold hands like a cat's ears on your head.

Be a cat!



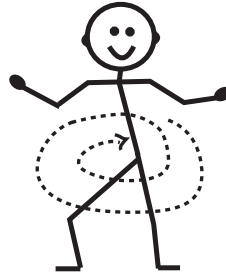
Three sides has the triangle, just like ears on a cat.
Meow!

The Oval Song

(Sounds like the "Dreidle Song")

Spin around!

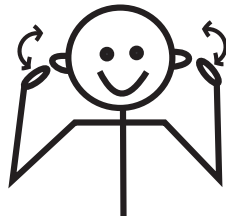
Turn around in a circle.



Oval, oval, oval,

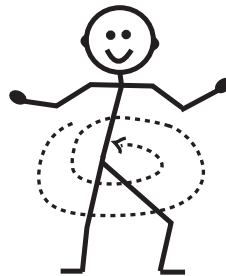
Twist Your Ears

Twist your ears back and forth.



Like ears on my head.

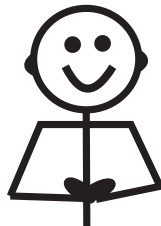
Turn around in a circle.



Oval, oval, oval,

Show me an egg.

Hold your hands in front of you to show me an egg.

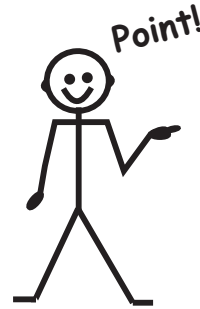


Just like an Easter Egg!

The Rectangle Song

(by Heidi Butkus)

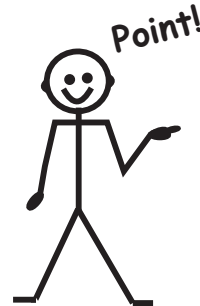
Pretend to open a door on the word "rectangle."



Point to a door.

A rectangle, rectangle, looks like a door,

Pretend to open a door on the word "rectangle."



Point to a door.

A rectangle looks like a door.

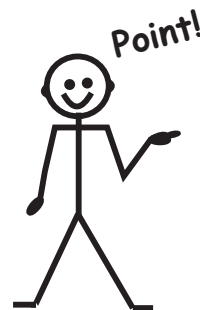
Pretend to open a door



Take a step forward.

Open the door, step out on the floor,

Pretend to open a door on the word "rectangle."



Point to a door.

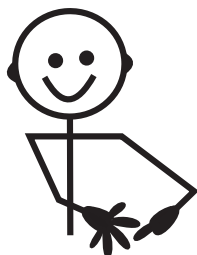
A rectangle looks like a door!

The Rhombus Song

(by Heidi Butkus)

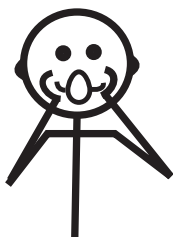
Point to Ring Finger

Point to your ring
finger.



Oh, yes, a rhombus is pretty like a diamond ring,

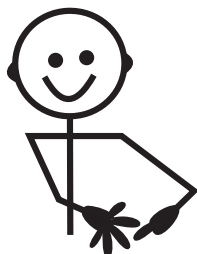
Cup hand around mouth
as if shouting or
singing something.



Oh, yes, a rhombus is pretty like a song to sing!

Point to Ring Finger

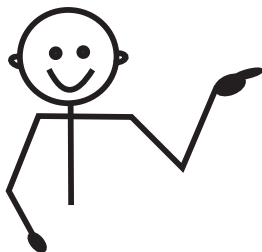
Point to your ring
finger.



Oh, yes, a rhombus is pretty like a diamond ring,

Point!

Point to someone
in the class.



Twist down and up!



Do the twist.

Oh, yes a rhombus is pretty just like you!
Cha, cha, cha!

The Octagon Song

(Sounds like "Cuban Pete")

Hold hand out in front of you to show that you stop someone.



Hold thumb out like you are hitching a ride.



I see an octagon! I stop and then go on!

Do a little salsa dance and boogie around.



I stop and chick, chicky-boom,

Do a little salsa dance and boogie around.



Chick, chicky-boom, chick, chicky-boom.

Do a little salsa dance and boogie around.



I stop and chick, chicky-boom,
Chick, chicky-boom, chick, chicky-boom.