



Grade:

Adaptable K-5

Subject:

Reading

Lesson

Hand Shape Poem 1-5

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SUMMARY:

This arts enhanced lesson for Deaf and hearing students is part of the Enhance Arts Project *You, Too!* web series featuring educational arts content geared toward K – 5 students. This lesson integrates dance and an innovative multilingual approach—featuring ASL (American Sign Language), English and the language of dance. In this lesson students explore number recognition, and addition and subtraction concepts.

OBJECTIVES:

Students will

- Learn numbers
- Explore basic concepts of addition and subtraction
- Make addition and subtraction dances.

Introduction:

Arithmetic is operating around us all the time!

If we ride the bus to school, we are part of addition as more and more students get on the bus. Riding the bus home, more and more students get off the bus. Addition and subtraction happening around us all the time!

In a dance performance there is sometimes one dancer on stage - this is called a solo. Two dancers is a duet, three dancers are a trio. The numbers keep changing to make the dance interesting.

The Handshape Poem video shares a story that starts with one person, and moves to 5 people being together. After we watch the video we will have a chance to explore arithmetic operations as we , **create our own Creative Movement Dances.**



FREE TEACHER RESOURCES

CREATIVE MOVEMENT IN THE CLASSROOM WORKBOOK

This free resource is an introduction to basic Creative Movement teaching strategies for Arts Integrated lessons.

No previous dance experience needed to use these teaching ideas.

Every Enhance Arts lesson plan by Celeste Miller uses strategies from this mini-workbook.

They are **highlighted** in the lesson plan.



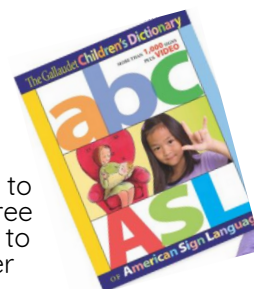
Use this QR code to download your free copy or access online

The Gallaudet Children's Dictionary of American Sign Language

An ASL-English Dictionary Available in Two Formats: Hardcover and Online Video.



Use this QR code to take you to the free online version, or to order a hardcover version.



Signing Savvy: Sign Language Resource



This free site has videos to match each sign. Type the word you are looking for in the search bar and watch the movement of each sign.



Use this QR code to take you to the Signing Savvy site



Lesson

Handshape Poem 1-5

Materials:

YouTube Link: "Handshape Poem 1-5"



Action Flash Cards: Print out these flashcards to use in the Educate activity



Teacher Resources:

- Creative Movement in the Classroom
- The Gallaudet Children's Dictionary of American Sign Language
- Signing Savvy Website

ENGAGE:

Watch the Youtube video: Handshape Poem 1-5"

Invite students to share what they saw and what happened. Ask how was addition a part of this story?

1
one



2
two



3
three



4
four



5
five





EXPERIENCE:

Part One: Instruct: Let's learn the Handshape Poem! Watching the video, we will follow along with the Handshape Poem. Try it several times with the video and then see if you can do it on your own.

Part Two:

Instruct: I will write a number on the blackboard, you show me the number in ASL.

EDUCATE

Making an Addition **Action Dance**:

- This activity is best done in a circle. Students can sit on the floor or sit in chairs in the circle.
- Make sure the area inside the circle has enough room for the action.

Put the action cards into a hat or other container.

Instruct:

- When you are called on, you will pull out an action card from the hat and read and/or sign the word.
- We will know that will be the **action** for the circle.
- Then I will tap one person.
- That person goes into the center of the circle and **does that action**.
- As a class you will tell us (sign and/or say) how many people are doing the action, and what the action is:
 - Ex: "1 friend is stretching"

Remember in Creative Movement we can do an action with our whole body or just a body part. What would it be like to jump with your shoulders!

- The first person keeps doing the action and I will tap one or more to join them. This changes the number! As a class you will tell us (sign and/or say) how many people are now doing the action and what the action is.
- Ex. "3 friends are stretching."

Teaching Note: You are the moderator for your class's experience. You can contain the movement to your level of classroom activity comfort by curating the Action card deck. For instance, if you are concerned that "run" could be a problem you could 1) instruct that run means "run in place" or 2) eliminate that card from the deck.

Work with the students to name (sign and/or say) the math problem.
"1 person jumping add 2 people jumping equals 3 people jumping."

Play around with variations.



EDUCATE

Making a Subtraction Action Dance

The same idea as for addition, but this time instruct that you will also “tap out” one or more students/ and then we will say what we have left.

Example: 4 people are soaring, take away 2 people, how many people are left soaring?

WILD CARD: A Student can say “wild card” and leave without being tapped. Class must quickly assess how many students are left in the circle. It’s fun when several students speak at the same time, and we try to assess. Use one of the “stop” action words to freeze all action for counting purposes.

- Stop
- Pause
- Freeze
- Halt

ENHANCE 1

Arithmetic Problems Dances

Building on the above activities

Example:

- Tap in 2 students with the action word “flying”
- Ask: If we want 5 friends in the circle “flying”, how many friends do we need to add? (3)
- With correct answer, tap in the correct number of students to join in.
- Write on blackboard (or other) $2 + 3 = 5$
- Ask: If we want just 1 person in the circle, how many do we need to take away?
- Remove 4 students.
- Write on blackboard (or other) $5 - 4 = 1$

• Continue to build math problems with adding and subtracting students into the circle.



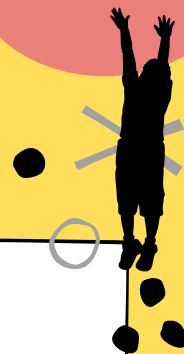
1 child flying



2 children flying



3 children flying



ENHANCE 2

Adding up: Creating a 7-action Movement String:

- Instruct and model: How will we put our actions together, and how many of each actions must we do to add up to 7 actions?
 - 2 jumps + 1 stretch + 4 wiggles = 7 actions
 - To a steady clap or drum beat students do two jumps, one stretch and 4 wiggles.
- Instruct: What is another example of a 7-action String we can make?

Assignment: Students design their own action strings, showing how the Action Movement String uses Addition or Subtraction.

These action strings can be used throughout the day for breaks.

Suggestions:

- Change the TOTAL number
- 10 actions are about max for endurance and recall.
- If students want to go to higher numbers, encourage them to play this game on the playground or with friends at home.
- Students may be able to come up with actions without flash cards.
- Contribute more actions to flash cards.
- You are in control of your classroom, remind students of the “Show me with your Body” or “Answer me in Movement” strategy where we use our bodies, not our voices.
- If there are actions you feel will cause chaos you could:
- Find a way to contain the action, for instance “run” can become “run in place”
- Or eliminate that flash card from the deck.

2 x 1 x 3x = 7 Actions



EVALUATE

- Students can sign numbers to 1-10.
- Students can recognize numbers from 1-10 in written form.
- Students can solve the “Addition” and “Subtraction” dances.
- Students can create an Action Movement String to requested number of actions.
- Students observe numerical additions and subtractions around them..

