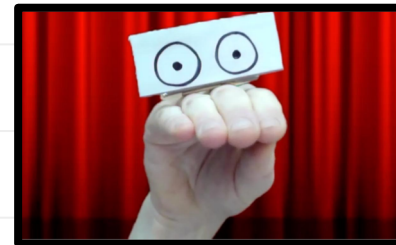


CREATE A RESOURCE FOR THE AUTISM COLLECTIVE WEBSITE

For our resource, we chose to create a series of videos that share a puppet and inclusive early childhood education focus.

Resource 1: The Puppet Hub

The purpose of this YouTube channel is to develop a channel for educators and caregivers about puppet-facilitated learning opportunities that increase the meaningful participation of young diverse learners.



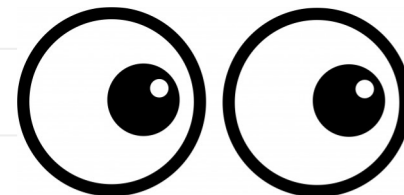
Resource 2: The Under Years

The purpose of this YouTube channel is to develop an online collection of videos resources for preschool-aged children and the adults who care for them. The videos utilize puppets (and other props) to help provide and model meaningful, inclusive educational experiences, with a focus on sensory, imagination and communication.

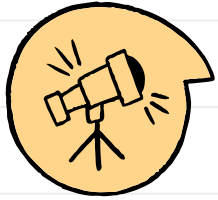


Resource 3: Relaxing Art Activity

Provides students with a creative outlet in hopes of giving their developing minds a break to have fun. By allowing creativity time, it gives them a chance to express themselves and can also help with mental blocks in other areas of their learning.

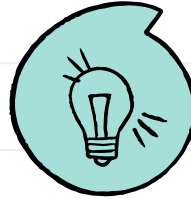


SUPPORTING THEORIES:



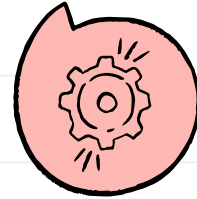
BANDURA

Social learning theory:
social learning occurs
through observation.



VILOTSKY

Sociocultural theory of development:
learning is a collaborative process
between a child and their social
environment, including their cultural
context.



GARDNER

Theory of multiple intelligences:
there are multiple ways of
learning, problem-solving and
product-producing.

UNIVERSAL DESIGN FOR LEARNING (UDL):

REPRESENTATION

How students access content

- Visual supports
- Auditory
- Tactile
- Kinesthetic

ENGAGEMENT

Obtaining children's attention, increasing their motivation

- Strengths
- Preferences
- Choices
- Relationships
- Cultural Relevance

EXPRESSION

How students demonstrate knowledge (CAST, 2018)

- Signs/Pictures/Symbols
- Communication boards
- Speech generating devices
- Gestures

PROJECT DESIGN

REPRESENTATION

Option 3: Online accessible resources for Autism Shelter-and-Play Project.

OBJECTIVES AND GOALS

- Provide videos that increase knowledge and skills related to puppet-enabled strategies
- Provide videos that increase diverse young learners' knowledge and self-regulation related to sensory processing.

TARGET PARTICIPANTS

- Diverse learners ages birth to five.
- Practitioners working in Inclusive preschools and Early Childhood Special Education environments. (teachers, therapists, caregivers)
- Families and caregivers

SETTING AND CONTEXT

- Virtual platform (YouTube)

VIDEO MODELING (VM):

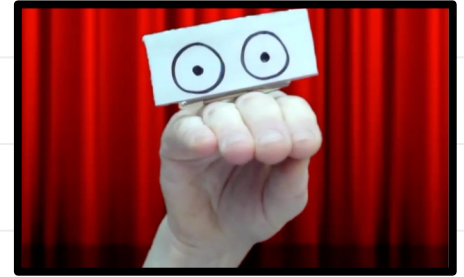
“Video modeling is a well-validated behavioral intervention that has been developed to facilitate observational learning. It has been used successfully to teach skills as diverse as parent training, social skills, and instruction for speech therapists. It generally involves the subject observing a videotape of a model engaging in a behavior that is subsequently practiced and imitated.”
(Corbett & Abdullah, 2005)

WHY IS VM SO EFFECTIVE FOR AUTISTIC CHILDREN?

It has been speculated that features of autism, such as over-selective attention, a restricted field of focus, preference for visual stimuli, and avoidance of face-to-face attention may actually be *capitalized on* while using video modeling. Autistic individuals often benefit from visually cued instruction and show strengths in processing *visual* rather than *verbal* information. In addition, video modeling offers a way to learn through social models without initial face-to-face interactions.” (Corbett & Abdullah, 2005)

RESOURCE 1: THE PUPPET HUB

- Designed to ensure that diverse students can access and participate in routines and activities in learning environments.
- Videos on the channel demonstrates how ECE/ECSE teachers can increase diverse learners' meaningful participation through puppet-facilitated learning opportunities.
- Strategies may support diverse learners with self-expression, communication, problem solving, self-regulation, and emotional safety.
- The channel promotes practitioners' (teachers, therapists, caregivers) access to puppets by focusing on simple strategies using no-cost or low-cost materials. The channel is publicly accessible and free.
- The channel also provides examples of how practitioners can adapt puppets so that diverse learners can access them.
- Strategies may be individualized to learners' ages, stages, preferences, and special interests of neurodiverse participants.
- The project uses the UDL framework to consider participation as learners' expression, comprehension, and engagement (CAST, 2018).
- Includes examples of how practitioners can use Video Modeling and social skills puppet shows to model engaging in behaviors that learners can imitate and practice" (Corbett & Abdullah, 2005).



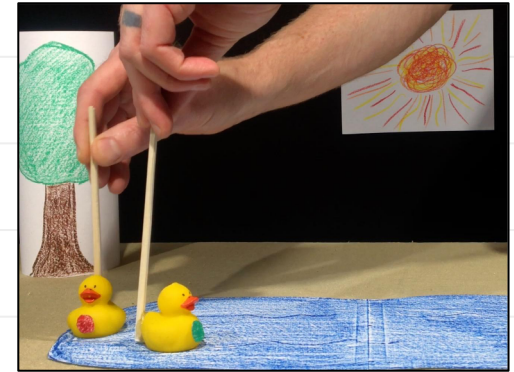
THE PUPPET HUB: PROCESS OF EVALUATION

1. Literature review
 - a. Conducted a literature review with the guiding research question, “What is the evidence that puppet-enabled educational strategies support the meaningful participation of young diverse learners?”
2. Needs Assessment
 - a. Developed and implemented a Qualtrics online survey to acquire quantitative input regarding special education professionals’ attitudes towards children’s’ participation, online professional development resources, and attitudes about puppets.
 - b. Survey was posted on two Facebook groups, *Early Childhood Special Education Teacher’s Lounge* and *PreK Special Education Teachers*.
3. Expert Review
 - a. Created a Qualtrics online survey for my usability review, which I emailed to each member of my expert review team to complete



PROJECT DESIGN: OUTCOMES

1. Literature Review (10 Articles):
 - a. Puppets increase developmental relevance: puppet-enabled learning may be conducive to playful, imaginative learning.
 - b. Puppets support emotional safety in early childhood learning environments.
 - c. Puppets may increase the quantity and quality of children's communication and self-expression in preschool classrooms.
 - d. Puppets may also contribute to problem-solving and self-regulation skills.
2. Needs Assessment (46 Respondents):
 - a. Interest in learning more about how to use puppets.
 - b. Students struggle most during large group activities and transitions.
 - c. Need resources they could use with limited time and resources.
 - d. Challenge of creating learning opportunities for classrooms with diverse developmental ages and stages.
 - e. Preferred videos 3-5 minutes in length.
3. Expert Review (3 Panel Members):
 - a. Experts were interested in seeing the strategies in action.
 - b. Wanted to see more examples of puppetry, stories about how students responded to the puppet strategies, and videos with actual demonstrations of using puppets in classroom settings.



PROJECT DESIGN

1. Created a Puppet Hub YouTube Channel with three playlists: Functional Skill Development; Engaging Children's Interest, Attention, and Participation; and Accessibility.
2. Created six videos videos that feature demonstrations and explanations of puppet-enabled learning strategies.
3. Created a YouTube Community Tab feature designed for viewer engagement outside of the videos comments sections.




SUPPORTING MATERIAL


The screenshot shows the YouTube channel page for 'The Puppet Hub'. The browser address bar displays 'youtube.com/channel/UCf9T7rqg-beYOu86ZBJJS1Q'. The channel banner features a colorful, multi-segmented wheel with the text 'THE PUPPET HUB' in the center. Below the banner, the channel name 'The Puppet Hub' is displayed with a profile picture of a red puppet and '12 subscribers'. Navigation buttons for 'CUSTOMIZE CHANNEL' and 'MANAGE VIDEOS' are visible. The main content area is titled 'Uploads' and contains five video thumbnails with their respective titles and view counts:

| Video Title | Duration | Views | Time Ago |
|--|----------|----------|--------------|
| Post-it Puppet Making | 2:02 | 7 views | 19 hours ago |
| Problem-Solving Skills: Biting | 1:28 | 11 views | 1 month ago |
| DIY Puppet Making: 2 Rubber Bands & Fabric | 1:46 | 19 views | 1 month ago |
| Increasing Participation: The Shy Puppet | 1:59 | 11 views | 1 month ago |
| Puppets & Self Regulation: Volume | 4:04 | 33 views | 1 month ago |

The Puppet Hub
YouTube Channel

SUPPORTING MATERIAL

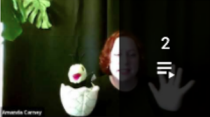


 **The Puppet Hub**
11 subscribers

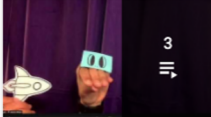
[SUBSCRIBE](#)

[HOME](#) [VIDEOS](#) [PLAYLISTS](#) [CHANNELS](#) [DISCUSSION](#) [ABOUT](#) [Q](#)

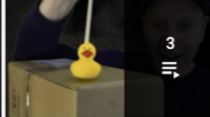
Created playlists ≡ SORT BY



Puppets and Accessibility
VIEW FULL PLAYLIST




Functional Skill Development Using Puppets
Updated 7 days ago
VIEW FULL PLAYLIST




Engaging Children Using Puppets
VIEW FULL PLAYLIST


The Puppet Hub
Playlists Tab


SUPPORTING MATERIAL







 **The Puppet Hub**
11 subscribers




[SUBSCRIBE](#)




HOME VIDEOS PLAYLISTS CHANNELS **DISCUSSION** ABOUT 

5 Comments  SORT BY

 Add a public comment...

 **The Puppet Hub** 1 month ago
Which puppet strategies are you already using with young diverse learners?
  [REPLY](#)

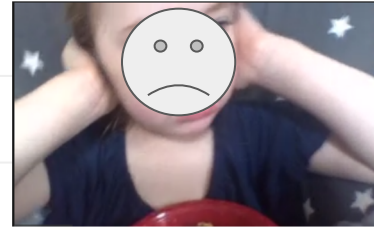
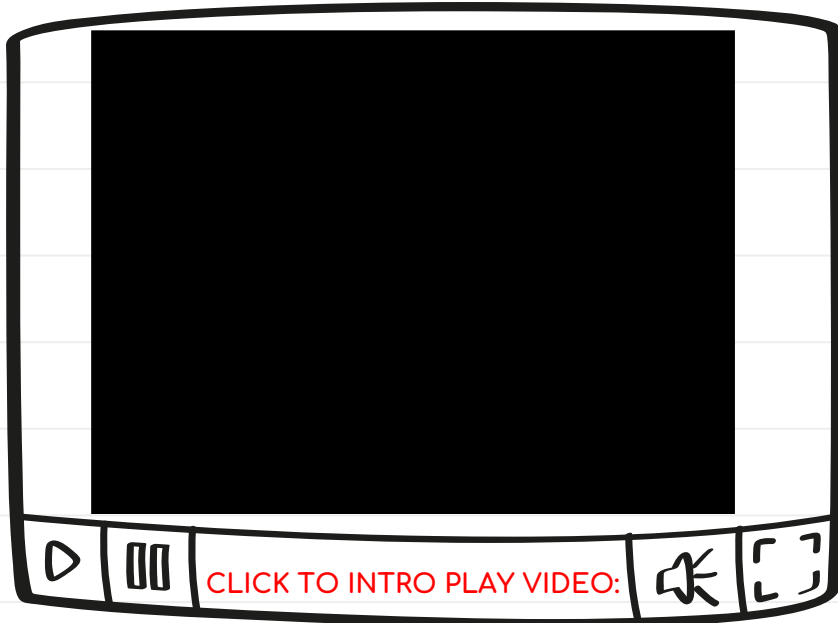
 **The Puppet Hub** 1 month ago
What questions do you have for the Puppet Hub community?
  [REPLY](#)

 **The Puppet Hub** 1 month ago
Which of the strategies featured would you like to try?
  [REPLY](#)

The Puppet Hub
Discussion Tab

RESOURCE 2 : THE UNDER YEARS

- YouTube Channel:
<https://www.youtube.com/channel/UCesGFpQLLzMFclImQxqctFQ/playlists>
- Inclusive preschool education experiences for children, ages 5 and under (and the adults who care for them).
- Where *sensory, communication & imagination* come to play.



RESOURCE 2 : THE UNDER YEARS



- 1st Playlist = Meet the Cast of Characters.
 - Sensory related: “Too loud. Too bright. Too Crowded.”
 - Non-verbal puppets, some use of ASL and PECS

- 2nd Playlist = Interview related to the creation and relevance.
 - “Identify with it or identify it in others”
 - Sensory avoidant or “sensory sensitive”

- 3rd Playlist = Puppets in Education.
 - Video modeling using puppets, first person, etc.
 - Communication, Imagination, Social Relations focused

<https://www.youtube.com/channel/UCeSGFpQLLzMFcIIImQxqctFQ/playlists>

RESOURCE 3 : STUDENT + TEACHER RELAXING ART ACTIVITY

Purpose

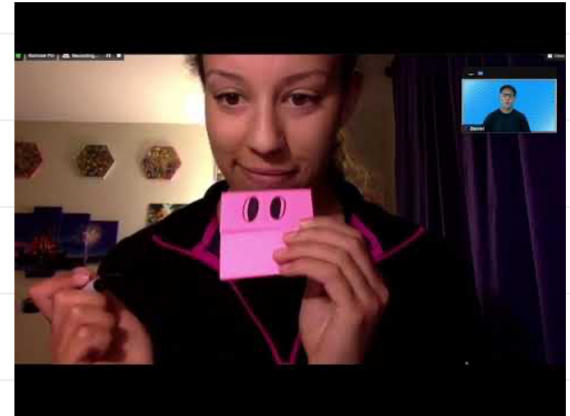
Calming “create your own hand puppet” activity video to pull in students by using art, creativity, simple step by step directions, and flexibility of how much or how little structure they need.

Supplies Needed

1. Sticky Notes
2. Marker



Activity Instructions



BENEFITS OF THE "CREATE YOUR OWN HAND PUPPET"

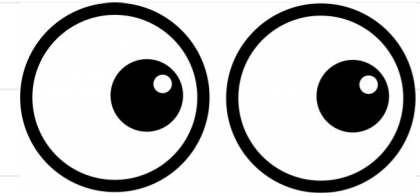
Creativity Outlet



Provides students with a creative outlet in hopes of giving their developing minds a break to have fun. By allowing creativity time, it gives them a chance to express themselves and can also help with mental blocks in other areas of their learning.

Good For All Ages

"Create Your Own Hand Puppet" is an easy activity for all ages and only requires a sticky note and a marker. This activity has a simple step by step procedure.



Flexible Visual Activity

Some students need more structure and specific directions when they are learning how to make something while other students enjoy having the freedom to do what they want. This puppet activity is flexible in that the amount of instructions can vary as needed.

REFERENCES:

- Ahlcrona, M. F. (2012). The Puppet's Communicative Potential as a Mediating Tool in Preschool Education. *International Journal of Early Childhood*, 44(2), 171-84. <https://doi.org/10.1007/s13158-012-0060-3>
- Ahlcrona, M.F. & Östman. (2018). Mathematics and Puppet Play as a Method in the Preschool Teacher Education. *Creative Education*, 9(10), 1536–1550. <https://doi.org/10.4236/ce.2018.910113>
- Bandura, A. (1997). *Self-efficacy: The exercise of control*. W H Freeman/Times Books/ Henry Holt & Co.
- Chen, D., & Dote-Kwan, J. (2020). Preschoolers With Visual Impairments and Additional Disabilities: Using Universal Design for Learning and Differentiation. *Young Exceptional Children*, 1096250620922220. <https://doi.org/10.1177/1096250620922205>
- Corbett, B. A., & Abdullah, M. (2005). Video modeling: Why does it work for children with autism? *Journal of Early and Intensive Behavior Intervention*, 2(1), 2-8. <http://dx.doi.org/10.1037/h0100294>

REFERENCES:

- Hackling, M., Smith, P., & Murcia, K. (2011). Enhancing Classroom Discourse in Primary Science: The Puppets Project. *Teaching Science (Deakin West, A.C.T.)*, 57(2), 18.
<http://jpllnet.sfsu.edu/login?url=https://www-proquest-com.jpllnet.sfsu.edu/docview/877732269?accountid=13802>
- Lohmann, M., Hovey, K., & Gauvreau, A. (2018). Using a Universal Design for Learning Framework to Enhance Engagement in the Early Childhood Classroom. *Journal of Special Education Apprenticeship*, 7(2).
- Naylor S., Keogh B., Downing B., Maloney J., & Simon S. (2007) The Puppets Project: Using Puppets to Promote Engagement and Talk in Science. *Contributions from Science Education Research*, 4(2). https://doi.org/10.1007/978-1-4020-5032-9_22

REFERENCES:

- Pélicand, J., Gagnayre, R., Sandrin-Berthon, B., & Aujoulat, I. (2006). A Therapeutic Education Programme for Diabetic Children: Recreational, Creative Methods, and Use of Puppets. *Patient Education and Counseling*, 60(2), 152-163. <https://doi.org/10.1016/j.pec.2004.12.007>
- Remer & Tzuriel (2015). "I Teach Better with the Puppet" - Use of Puppet as a Mediating Tool in Kindergarten Education – an Evaluation. *American Journal of Educational Research*, 3(3), 356-365. <https://doi.org/10.12691/education-3-3-15>
- Salmon, M. D., & Sainato, D. M. (2005). Beyond Pinocchio: Puppets as Teaching Tools in Inclusive Early Childhood Classrooms. *Young Exceptional Children*, 8(3), 12-19.
<https://doi.org/10.1177/109625060500800303>

REFERENCES:

- Tzuriel, D. & Remer, R.. (2018). Mediation with a Puppet: The Effects on Teachers' Mediated Learning Strategies with Children in Special Education and Regular Kindergartens. *Learning and Instruction, 58*, 295-304. <https://doi.org/10.1016/j.learninstruc.2018.08.001>
- *The UDL Guidelines*. (2018). CAST. Retrieved December 8, 2020, from <http://udlguidelines.cast.org>
- Webster-Stratton, C. & Reid, J. (2003). Treating Conduct Problems and Strengthening Social and Emotional Competence in Young Children. *Journal of Emotional and Behavioral Disorders, 11*(3), 130-143. <https://doi.org/10.1177/10634266030110030101>