

Developmental Theory Training

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About the Online Repository Project:

Faculty, staff, and students from Clark, WPI, and Holy Cross are working to build an online platform that contains educational videos and information for children and adolescents (ages 0-18) to help families provide arts, STEM, and literacy based content for their students.

- ✗ Students are focused on creating content for younger children in order to them to gain more education content during all that's occurring.
- ✗ We are working to foster the importance of children's developmental needs and strengths.

Cognitive Development

Ages 0-1

- ✗ Babies' actions depend fully on stimuli from their environment
- ✗ They respond well to positive sensory (brightly colored lights/pictures, music, soft touches, etc.)
- ✗ Memory doesn't register for too long

Ages 4-5

- ✗ Young children begin creating their own pictures, most abstract but some resembling real-life objects or people
- ✗ They start learning to count and learn to order things through symbolic play.
- ✗ Respond well to stories, asks more questions, and make-believe

Ages 2-3

- ✗ Toddlers start learning simple object use, such as spoons or balls
- ✗ They begin responding to simple directions (i.e. come here, sit down, etc.)
- ✗ They start being able to name colors, objects, and people

Importance

- ✗ Children need to develop their cognitive functions in order to learn how to think critically and understand new information.
- ✗ It's important to observe how a child learns best cognitively in order to better support the development of new skills and problem solving abilities.



Socio-Emotional Development

Ages 0-1

- ✗ Responds easily to sudden stimuli (easily feared, delighted, excited etc.)
- ✗ Has difficulty understanding most social scenarios
- ✗ Responds well to music and simple stories

Ages 4-5

- ✗ Cooperates with other children well and begins learning teamwork.
- ✗ Enjoys learning new things and active activities.
- ✗ Begin recognize between real and make-believe and can make up more intricate stories.

Ages 2-3

- ✗ Toddlers begin understanding the concept of “mine,” “his,” and “hers”
- ✗ Can begin follow directions with 2-3 steps (i.e. pick up your toys, wash your hands, and sit back down)
- ✗ Begin feeling empathy for others

Importance

- ✗ Teaches self-awareness and encourages the recognition of their emotions as well as learning empathy.
- ✗ Allows them to learn how to make responsible decisions and general right or wrong knowledge.



Motor Development

Ages 0-1

- ✗ Babies typically don't understand their limbs are a part of their body and see them as other toys
- ✗ Most objects go straight into their mouths out of curiosity
- ✗ Enjoys soft things and bright colors

Ages 4-5

- ✗ Preschoolers can start doing simple actions such as running, jumping, skipping, etc.
- ✗ Can start drawing abstract pictures and begin writing through copying shapes
- ✗ Starts running or jumping around obstacles

Ages 2-3

- ✗ Toddlers start running and jumping with more stability
- ✗ Begins to explore with their hands (opening books, stacking blocks, etc.)
- ✗ Can start catching and throwing objects

Importance

- ✗ Focusing on motor development is important because it encourages them to gain strength and confidence in movement
- ✗ Learning motor development is a good foundation of understanding how children learn, as they learn step by step and stumble until they walk right.





Preparing your content:

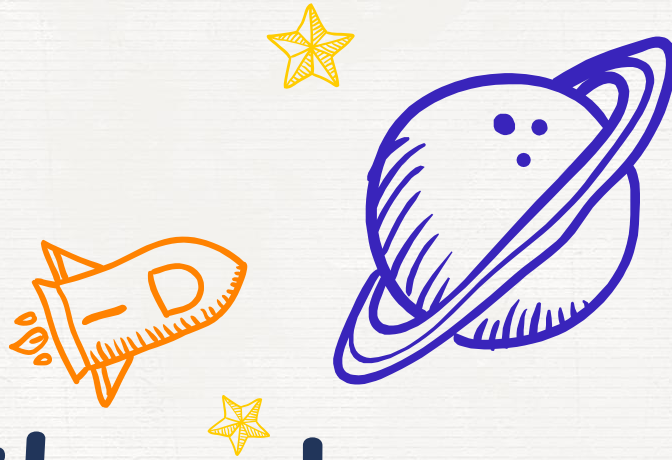


- ✘ Choose a subject you already have knowledge on!
 - As long as it's child appropriate and you have passion on the subject, kids will be interested.
- ✘ Focus on a certain age group
 - 0-1 year olds learn differently than 4-5 year olds
- ✘ Keep it simple and entertaining
 - Children are fun-loving and playful, don't worry about making it intricate or complicated.



Important Notes to Consider:

- x Make sure your content is enjoyable and educational, most things you teach will be new and interesting to most kids!
 - This project aims to provide enriching and good content for kids, they will appreciate the littlest things!
- x Have fun! Kids aren't complicated, they love bright colors and smiles. If you are enjoying it, they will too :)



Thank you!

If you have any questions, please contact me at santos@clarku.edu!

Once again, please send your content in to me by the end of the semester!

