

Authentic Knowledge



Susan Kenney

EDUC 800

Anastasia P. Samaras, Ph.D.

AUTISM

Persons with autism may possess the following characteristics in various combinations and in varying degrees of severity.



Inappropriate laughing or giggling



No real fear of dangers



Apparent insensitivity to pain



May not want cuddling



Sustained unusual or repetitive play; Uneven physical or verbal skills



May avoid eye contact



May prefer to be alone



Difficulty in expressing needs; May use gestures



Inappropriate attachments to objects



Insistence on sameness



Echoes words or phrases



Inappropriate response or no response to sound



Spins objects or self



Difficulty in interacting with others

1-800-3AUTISM

Autism Society of America

7910 Woodmont Avenue, Suite 650 Bethesda, MD 20814-3015

January is National Autism Awareness Month.

Adapted from original by: Professor Rendle-Short, University of Queensland, Brisbane Children's Hospital, Australia.

QUESTIONS:

How do students with Autism Spectrum Disorder (ASD):

- Make connections?
- Gather background knowledge?
- Learn?





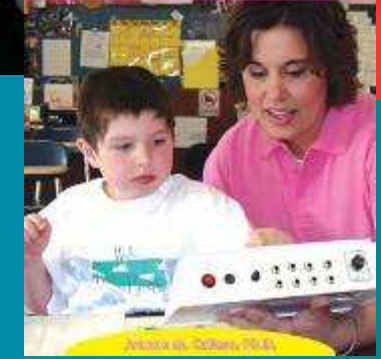
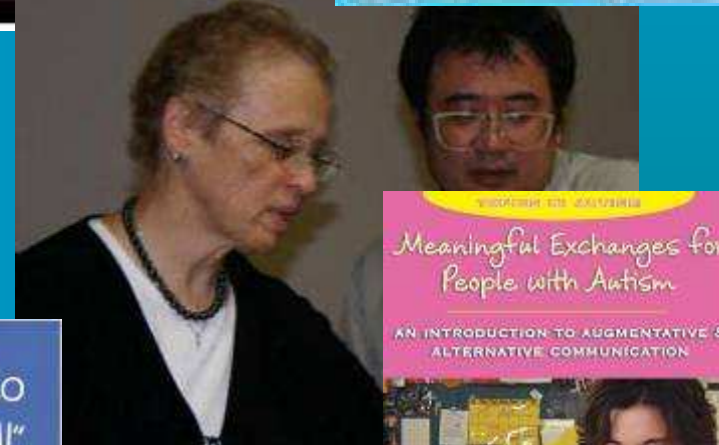
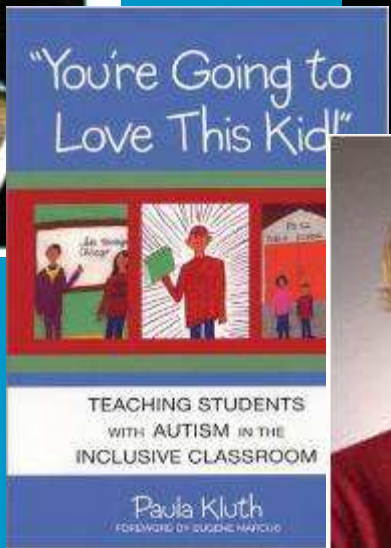
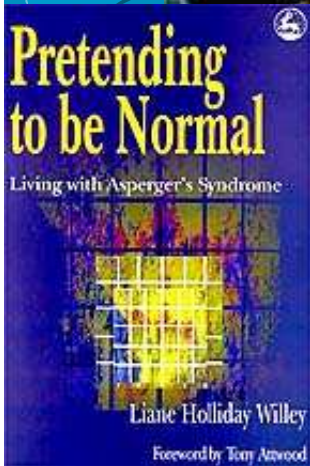
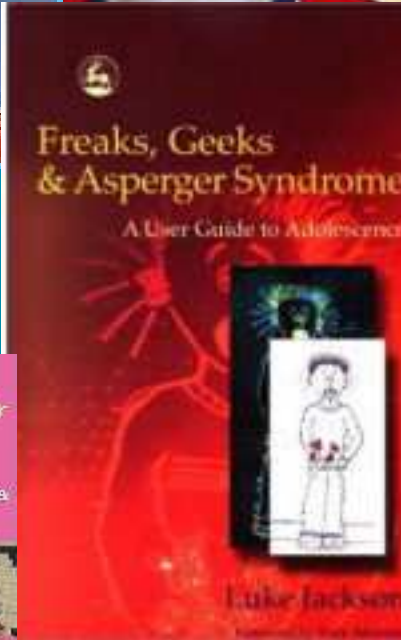
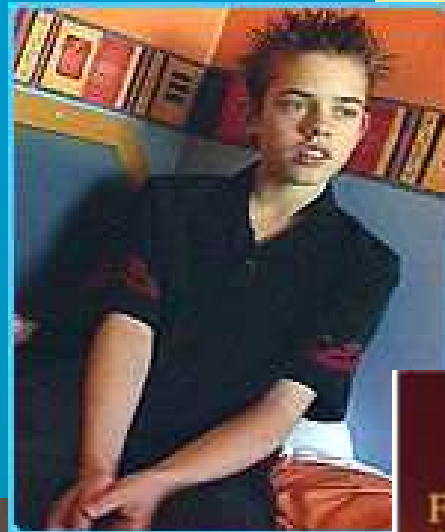
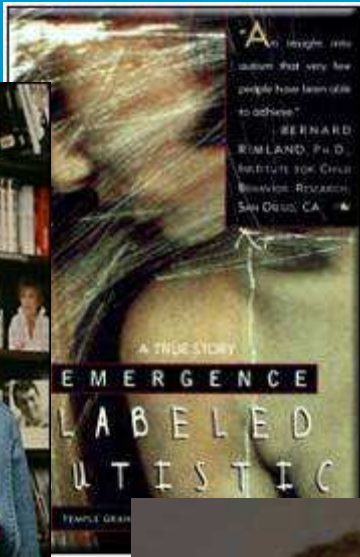
QUESTIONS:

- How can we know how students with ASD learn?
- How do students with ASD interact with experiences?
- How do visuals affect students with ASD?
- How does structure affect students with ASD?



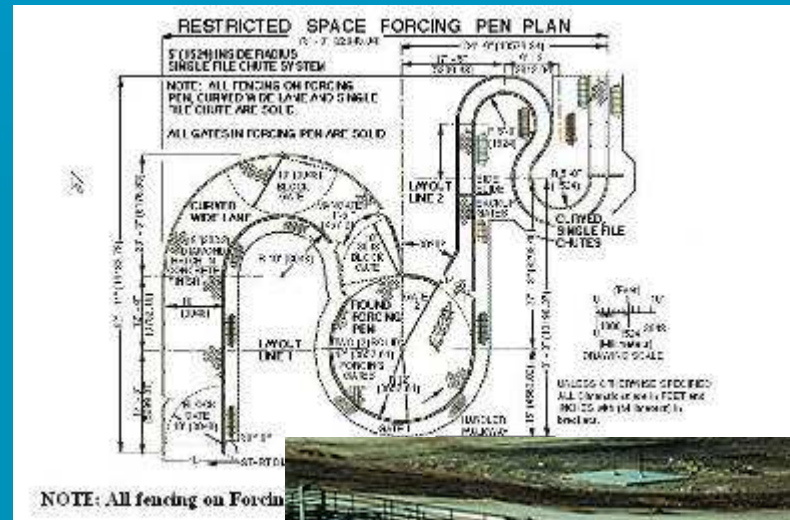


THINKING IN PICTURES
AND OTHER REPORTS FROM
MY LIFE WITH AUTISM
TEMPLE GRANDIN
WITH A FOREWORD BY OLIVER SACKS



Gifts of Autism

- Genius
 - Music
 - Math
 - Science
 - Engineering
- Vision
- Incredible focus
- Thinking “out of the box!”



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CHILDREN'S HEALTH



[Meet Deena]



[Meet Christian]



[Meet Helena]



[Meet Bryce]



[Meet Kyle]





Ways of knowing

- Visual Learners
- Inanimate Objects
- Simplicity
- Consistence
- Specific sensory input

(Cafiero 2005)

Specialist Subjects

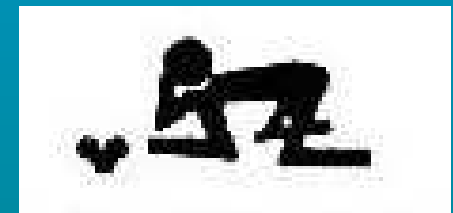
(Jackson 2002)

Visual Cues

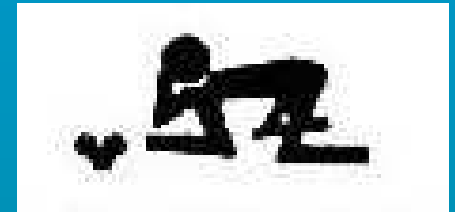
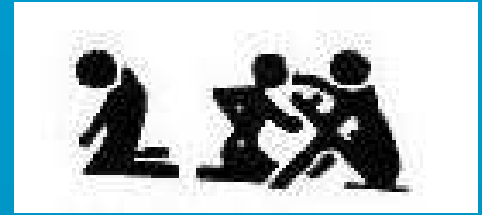
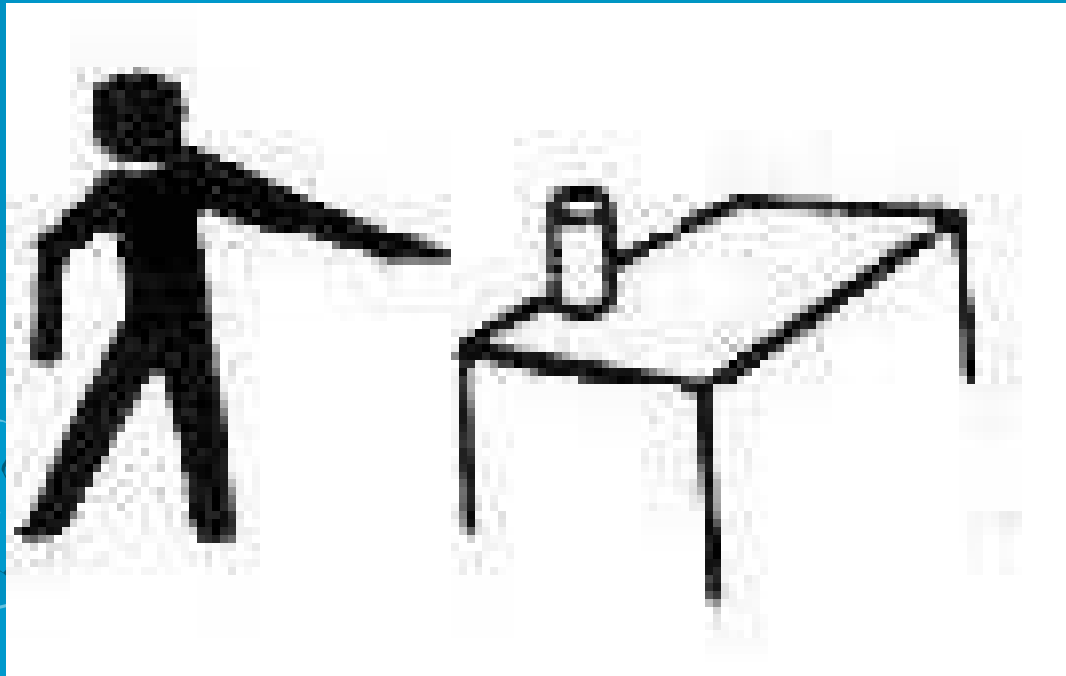




Inanimate Objects

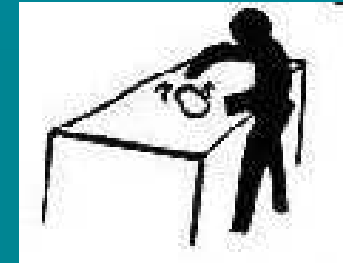
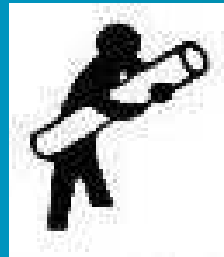
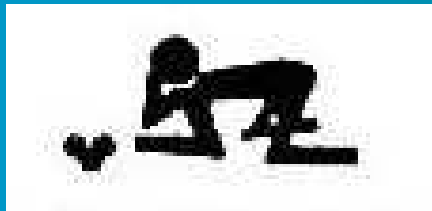


Simplicity





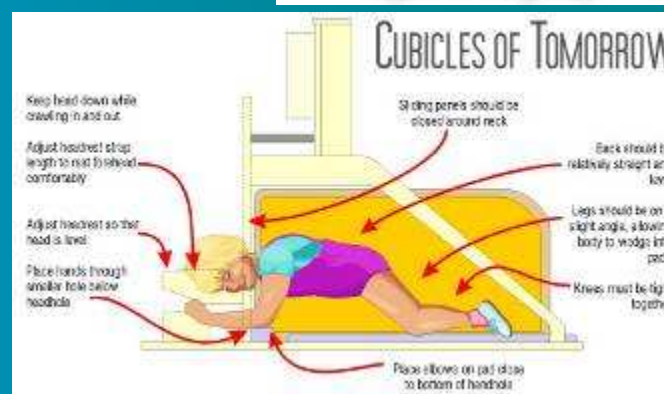
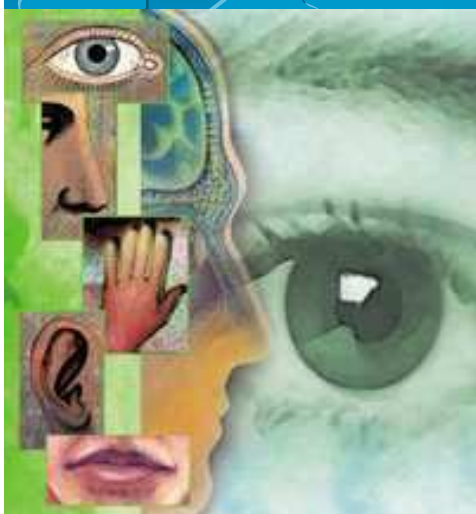
Consisten ce



Sensory Feedback



- Music
- Pressure
- Lights
- movement





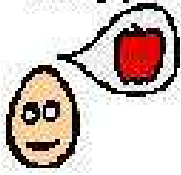

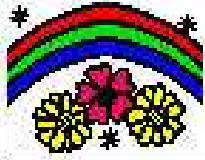

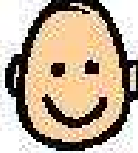









Barriers to Ways of knowing

- Social Interaction
- Motor Planning
- Anxiety
- Communication
- Behavior
- Memory

(Cafiero 2005)

Communication

I want 	play 	hungry 
silly 	beautiful 	salad 
happy 	sad 	drink 

I want 	book 	
	eat 	
OK 	more 	si 

Featured Visual Phrase


WATCH

WHAT

I

SAY

- Simple
- Consistent
- Visual
- Inanimate
- Recognition not memory

AWARENESS

- Builds Understanding.
- Enhances social interaction.
- Reduces anxiety.
- Decreases behavior problems.
- Provides an opportunity to expand


KNOWLEDGE!


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