

iPad, TV, Social Media: How Technology Can Differentially Affect Young At- Risk & Autistic Children

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Disclosure:

No relevant financial or nonfinancial relationship exists with FTF.

Words to Grow On LLC,
Owner & SLP (receives
payment for SL services).



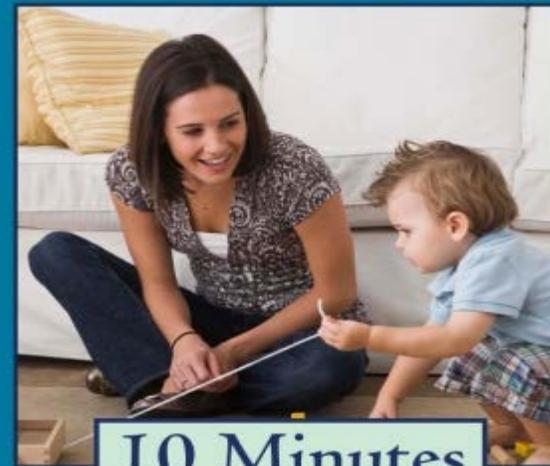
Amy Maschue, M.S. CCC-SLP

Disclosure:

10 Minutes for Talking
Book Series, Author
(receives royalties).



10 MINUTES FOR TALKING
USE DAILY ACTIVITIES TO MAXIMIZE COMMUNICATION!



10 Minutes for Talking

HOW TO RAISE A STRONG COMMUNICATOR IN
10 MINUTES A DAY
THE FIRST FOUR YEARS
2ND EDITION

AMY MASCHUE, M.S. CCC-SLP
SPEECH PATHOLOGIST,
MOM OF 6

10 MINUTES FOR TALKING HOME PROGRAM GUIDEBOOK



HOW FAMILIES CAN USE DAILY ACTIVITIES TO
MAXIMIZE THE COMMUNICATION OF CHILDREN
WITH AUTISM AND OTHER COMMUNICATION
DELAYS IN JUST 10 MINUTES A DAY!

AMY M. MASCHUE, M.S. CCC-SLP
SPEECH-LANGUAGE
PATHOLOGIST

Amy Maschue, M.S. CCC-SLP

Disclosure:

TheTalkMom.com, Blogger
(receives royalties)







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Parents are Confused about Screen Time

Some screen media has proven to be beneficial to kids...

56% parents of kids 0-5 believe that baby videos are "good" for child/brain development...

Parents "worry" about screen time...

B

U

T

Products are heavily marketed as educational (unsubstantiated)

No credible evidence that any type of screen time is beneficial to babies/toddlers

Seen as necessary/integrated part of day

American Academy of Pediatrics 2013 Recommendations

- 0-2 years old: No screen time
- 2+ years old: No more than 2 hours

Screen Time Facts

“Media is just another environment.”

~ AAP 2015

- 30% kids play with first mobile device while in diapers
- 75% 13-17yo have smartphones

"Screen time is now just time."

~AAP 2015

- Policies evolve or become obsolete
- Reflect current realities & evidence

Average Screen Time per Day

# Hours Kids 8-18yo	# Hours Kids 2-5yo	% Kids <1yo 90 minutes
7.5 hrs	2.5-5 hrs	29%

American Academy of Child & Adolescent Psychiatry (2015)

Rideout (2011)

American Academy of Pediatrics October 2016 Recommendations

- Actual time limits???
- 2015 12 Sneak Peek Guidelines
 - Content
 - Modeling

AAP 2015 Guidelines for Young Children

- Media is just another environment.
- Parenting has not changed.
- Role modeling is critical.
- We learn from each other.
- Content matters.

AAP 2015 Guidelines for Young Children

- Curation helps.
- Co-engagement counts.
- Playtime is important.
- Set limits.
- Create tech-free zones.

Communication

It's **MORE** than WORDS

Communicate to the...

Role +/- of
Technology
in M.A.X.?

At-risk?
Autism?

M...Multiple

A...Animated

X...eXchanges

Hart & Risely

- Significantly fewer interactions by age 3 dependent on parent income/education

Role +/- of
Technology
in M.A.X.?

At-risk?
Autism?

THIRTY
MILLION
WORDS

BUILDING A
CHILD'S BRAIN

TUNE
IN

TALK
MORE

TAKE
TURNS

DANA SUSKIND, MD

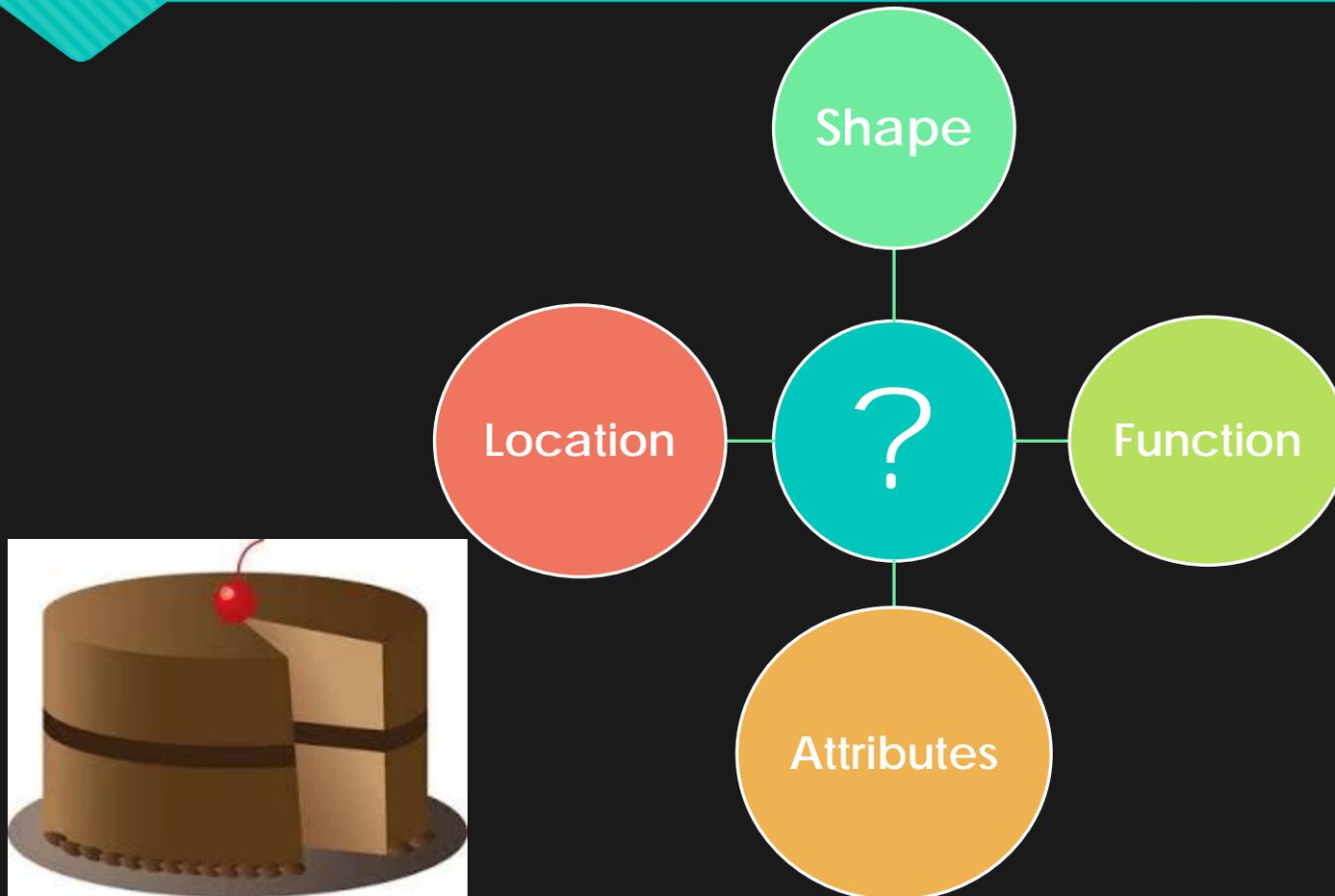
Patterns!!!

C A R S

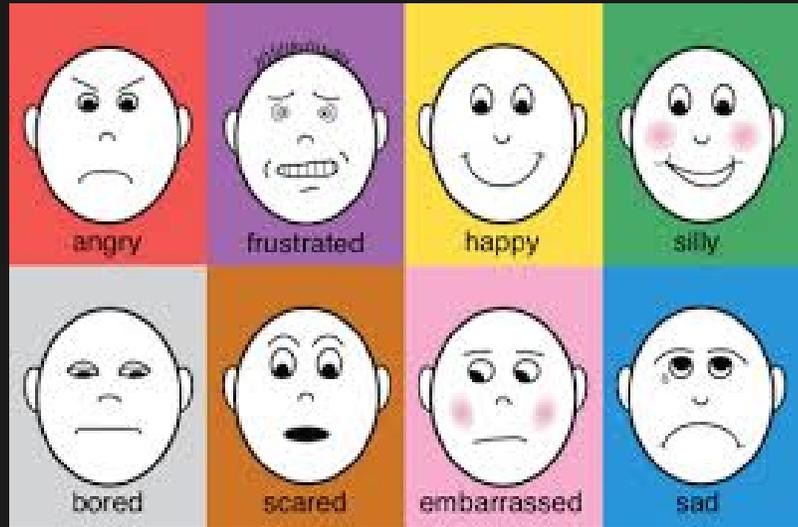
Can you guess what I'm thinking of?



What am I thinking of?



Can you guess what I'm feeling?





Think this picture is cute?

Look closely.



www.zoephee.com

You have to know what to look for!
PATTERNS!!!

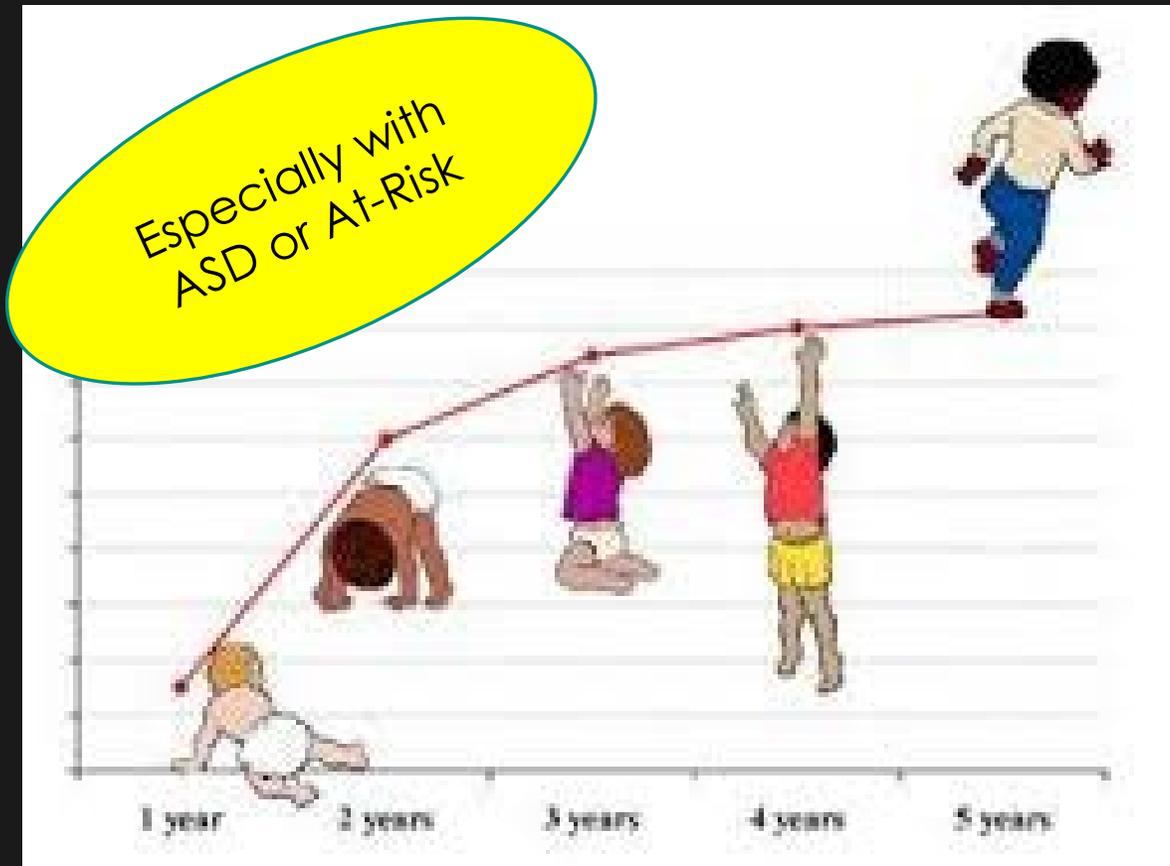
Communicate to the MAX!

PATTERNS

✓ Use Daily Activities



Communicate to the MAX!



PATTERNS

- ✓ Teach at each Child's "Growing Edge"

Kids At-Risk

for Communication Disorders

10 Minutes for Talking: Patterns the First 4 Years



Infant Talk
Birth-1yr
Nonverbal

Being Intentional & Symbolic

1st Year

Patterns a Child "Knows"

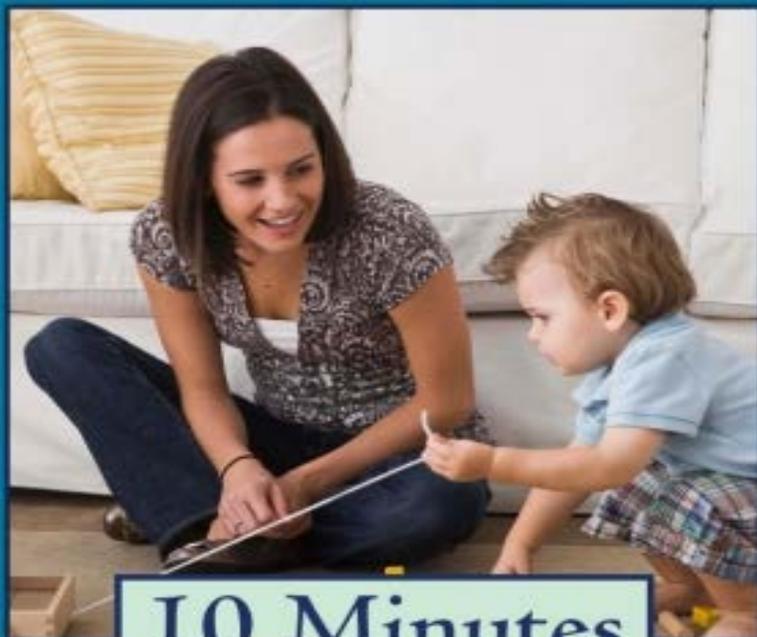
I DO something to GET something

I learn through my senses

Teach Sign

- Visual Representation of Words
- Motorically-Easy





**10 Minutes
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Infant Bathtime pg 20

INFANT TALK
Brushing Hair and Teeth



Toothbrushing is where my Tommy cheated it up. His eyes & mouth would get wide as I told him stories in the saga of Capitan Tommy Toothbrush & The Evil Twins Plaque & Gíngivítis. Here he is doing his evil grin. ~The Talk Mom

Brushing hair and teeth can be stressful activities because some children are sensitive to the feel of the brushes. Associating brushing activities with "fun", social time with a parent/caregiver can actually make brushing hair and teeth a fun, language-learning activity. The earlier you start the better! Try these suggestions for maximizing the communication potential of your infant during your brushing routine.

The Talk Mom's Top 10: 1st Year Brushing Interaction Ideas

1	Hold your child so that he faces you at eye-level as you gently brush his hair. Smile and say soothing things in a calm, low voice (e.g., It feels good to have your hair brushed).
2	Let your child touch your hair as you brush his hair/teeth.
3	Use an child-size toothbrush on the inside of his cheeks and tongue. This activity stimulates the nerve endings in the mouth and will encourage vocalizations and mouth "games" (e.g., raspberries, lip popping/smacking, etc.).
4	Bring in a doll/superhero and practice brushing its teeth/hair.
5	Sing a silly song about brushing your teeth while you brush your child's teeth (e.g., You brush your teeth, Cha Cha Cha Cha Cha Cha Cha Cha Cha).
6	Make up songs or stories where characters say "ah" or "ee".
7	Make silly faces in the mirror while your child looks into it. Exaggerate motions with your eyes as you brush your child's hair/teeth.
8	Describe how you are brushing (e.g., straight down, in circles, long or short strokes, etc.).
9	Describe what you're doing as you brush your child's hair/teeth (e.g., "I'm brushing your brown hair. Your hair is so soft."). This activity teaches grammatical forms and increases vocabulary.
10	Recite poems or sing counting songs that help give a sense of how long brushing hair and teeth should take.

~~"Sticky Note"~~ Strategy

"Schedule It" Strategy

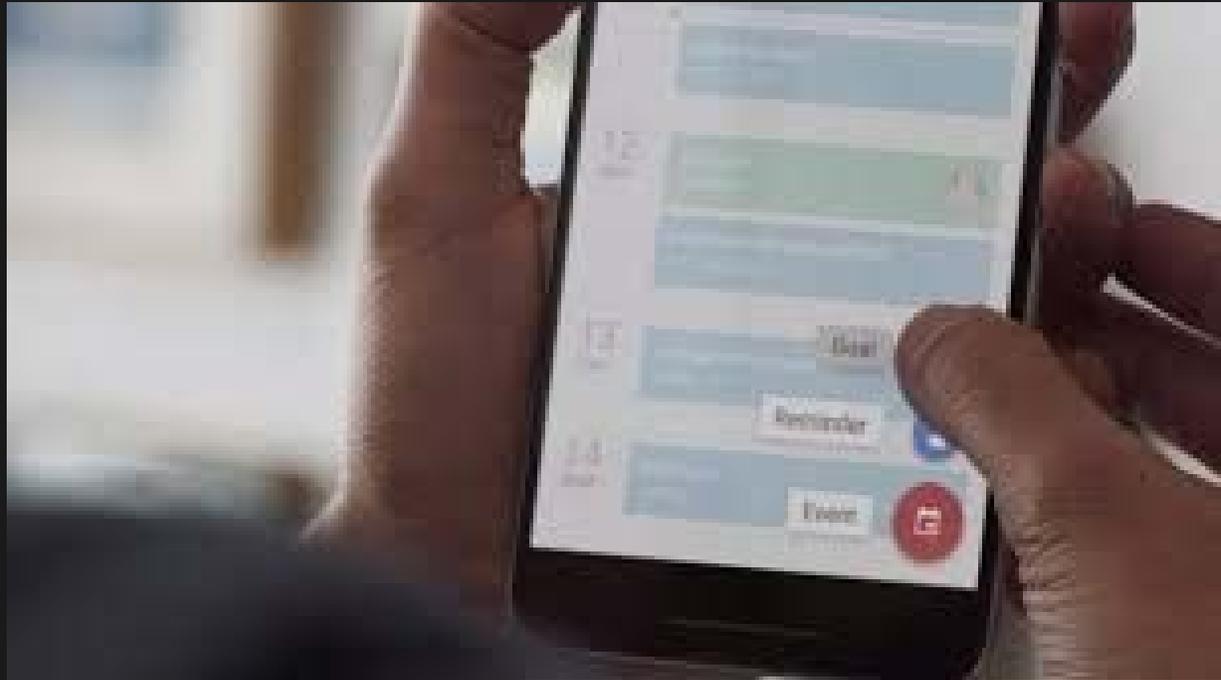


What did you do?
pushed, buttoned, closed, pulled,
popped, jumped, cooked, worked, etc.

Getting Dressed
Yesterday

Schedule It:

When will you & your child have
10 Minutes for Talking?



Try This:

Daily Activity:

10 Minutes for Talking: Patterns the First 4 Years

Baby Talk
1-2 yrs
Single Words

Building Sound Inventory



2nd Year

Patterns a Child “Knows”

I DO something to GET something

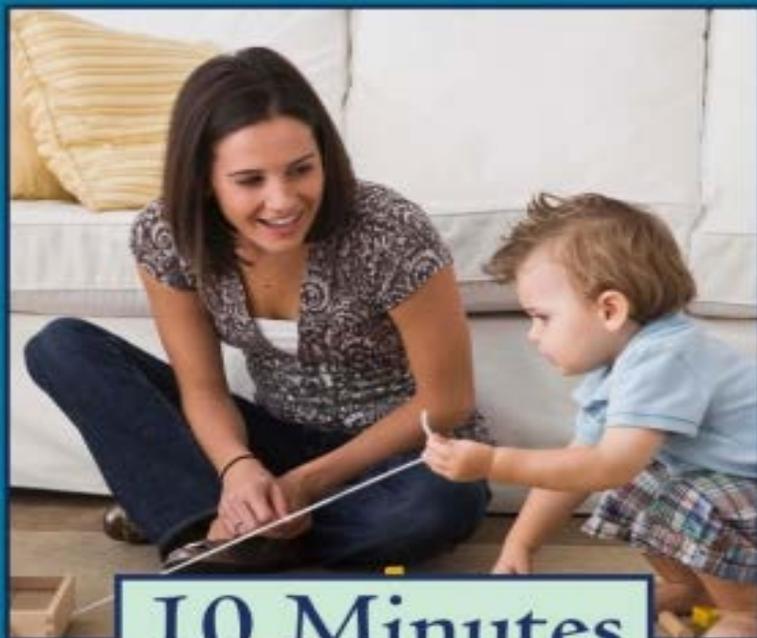
I learn through my senses

Words Work

Play with Sounds

- "Easy" Sounds First
- Syllable Shape Matters
- Sound Play
 - ✓ Repeat, Rhyme, Model
 - ✓ Stress & Rhythm
 - ✓ Visual, Sound, Touch Cues





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Baby Meal Prep pg 52

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10 Minutes for Talking: Patterns the First 4 Years

Toddler Talk
2-3 yrs
Telegraphic

Developing Grammar



3rd Year

Patterns a Child "Knows"

I DO something to GET something

I learn through my senses

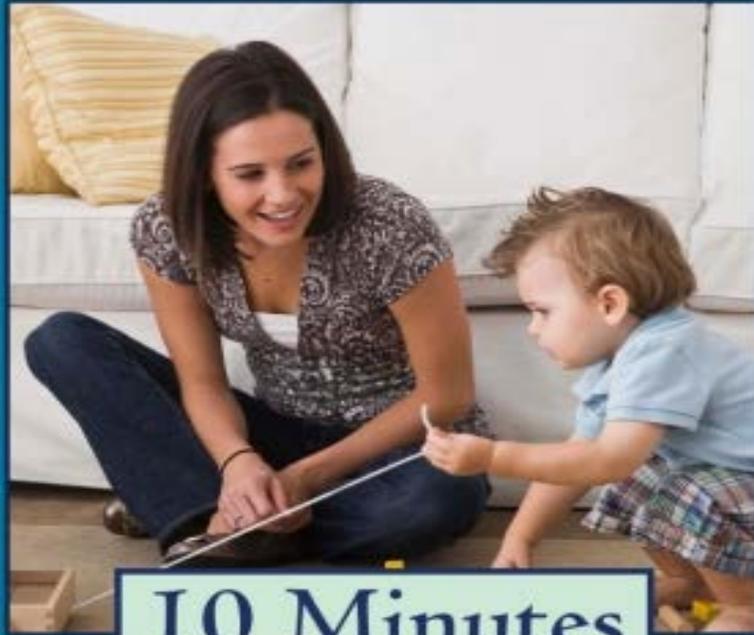
Words Work

You think I think

Help with Silly Sentences

- Special Grammatical Units
 - ✓ What people/things are doing, did, will do
 - ✓ Location of people/things
 - ✓ Grammatical details: a, the, pronouns, "am", "have"





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Toddler Car Ride pg 94

INFANT TALK Brushing Hair and Teeth



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10 Minutes for Talking: Patterns the First 4 Years

Preschooler Talk
3-5 yrs
Conversational

Learning Perspective



4th Year
Patterns a Child "Knows"

I DO something to GET something

I learn through my senses

Words Work

You think I think

Our thoughts RELATE to each other

Play Pretend

- Relational Roles
- Flexible Thinking/Pretending
- Sillier the Better!



Molly Greets Matt story menu

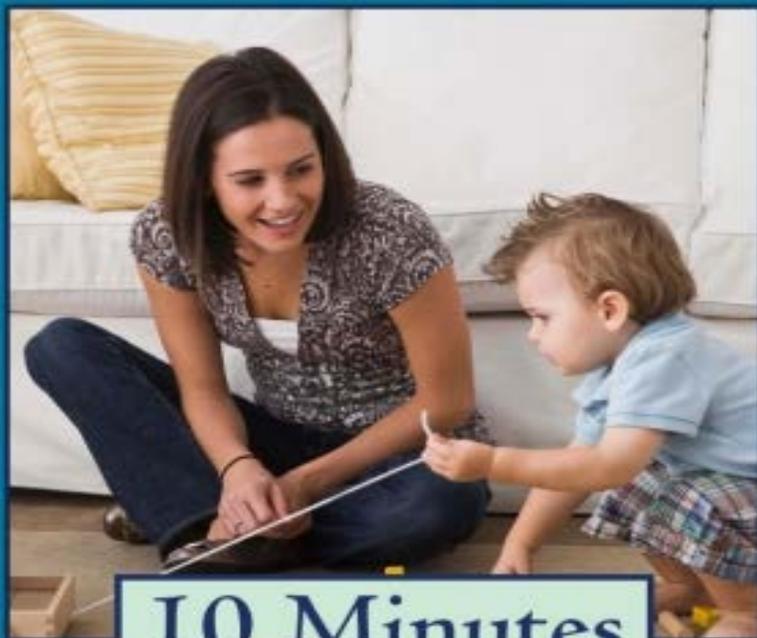
1 Panel 1 shows two characters, Molly and Matt, standing on a line. Molly is on the left, wearing a red dress, and Matt is on the right, wearing a white shirt and blue pants. They are not interacting.

2 Panel 2 shows Molly on the left saying 'Hi, Matt.' to Matt on the right. A dashed arrow points from Molly to Matt.

3 Panel 3 shows Matt on the right saying 'Hi, Molly.' to Molly on the left. A dashed arrow points from Matt to Molly.

4 Panel 4 shows Molly on the left saying 'Hi, Matt.' and Matt on the right saying 'Hi, Molly.' to each other. Dashed arrows point from each character to the other.

This story is called Molly Greets Matt. It has four parts. Click on the arrow to listen to the story.



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Visit to the Store pg 129

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Kids with Autism

Considerations for Kids with Autism

- Current communication level?
- Sensory Needs?

Rule of TEN

T...Take Turns Talking



Questions

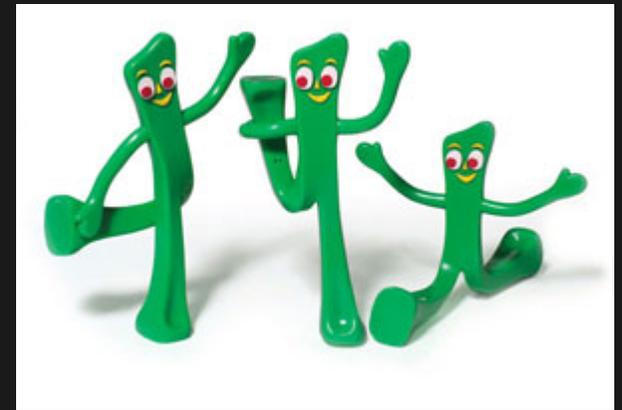
E...Engage with Your Eyes

Gumby Maneuvers

N...Notice Nonverbals



Pause Time



AAC (iPad)

Low-Tech Choice Boards

I want 

 big wheel	 golf	 trampoline
 bubble blower	 sand and water table	 sidewalk chalk

2013-09-14
10:35 AM - 10:17 AM

Brush Teeth

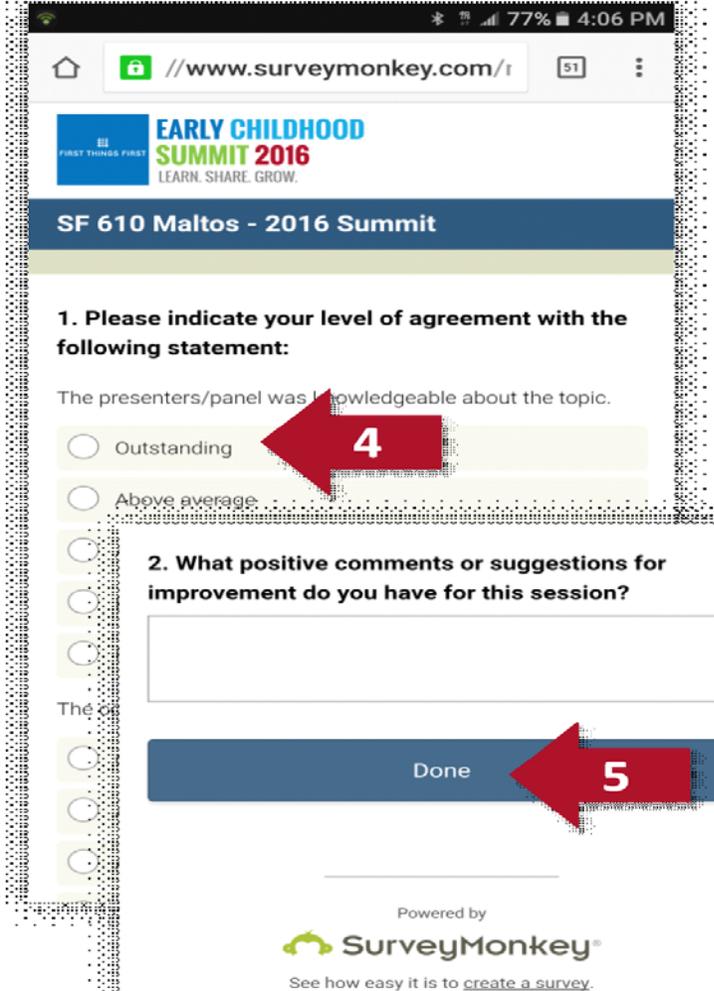
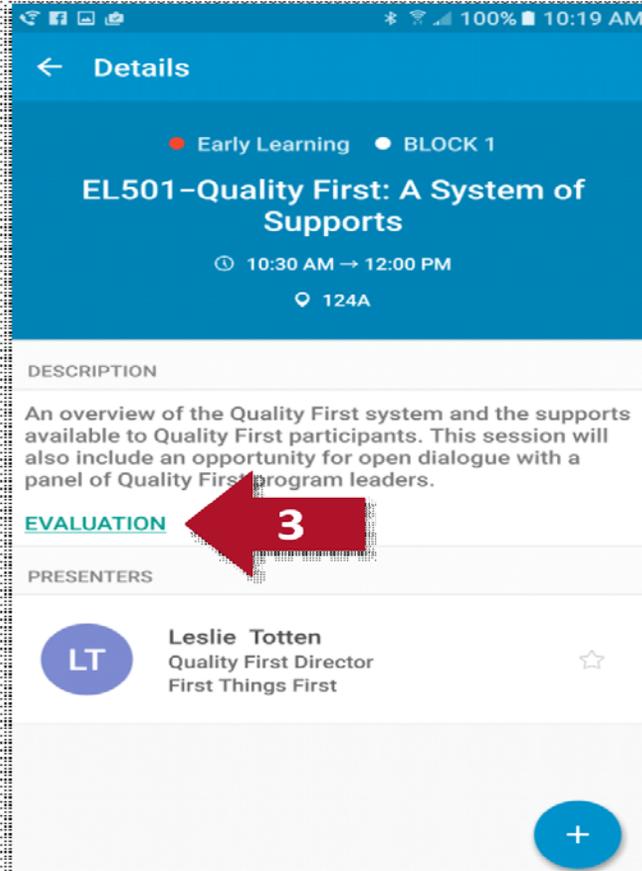
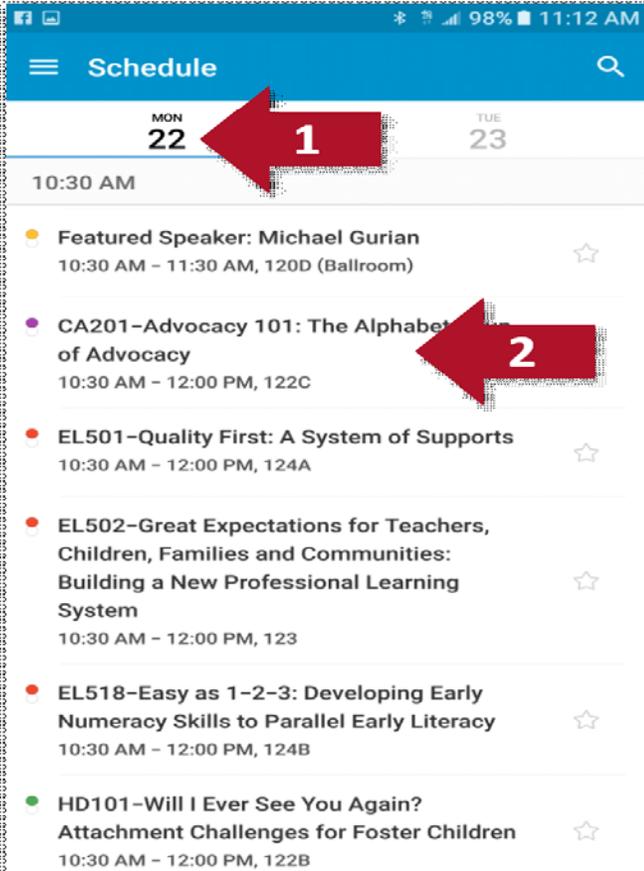


✓ Finished

Summary

- Technology is everywhere. +/-
- Know which pattern you are highlighting to determine how best to use technology
- Use guideline...is screen time enhancing or deterring participation with others
- Consider communication & sensory needs

Complete the Breakout Session Evaluation on the Mobile App



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AAP 2015 Guidelines for Young Children

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- Co-engagement counts.
- Playtime is important.
- Set limits.
- Create tech-free zones.

Multiple Animated Exchanges are how we learn to communicate

Communicate to the...

Role +/- of
Technology
in M.A.X.???

M...Multiple

A...Animated

X...eXchanges

10 Minutes for Talking: Bi



Infant Talk
Birth-1yr
Nonverbal

Being Intentional & Symbolic

10 Minutes for Talking: 1-2

Baby Talk
1-2 yrs
Single Words

Building Sound Inventory



10 Minutes for Talking: 2-3

Toddler Talk
2-3 yrs
Telegraphic

Developing Grammar



10 Minutes for Talking: 3-5

Preschooler Talk
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Conversational

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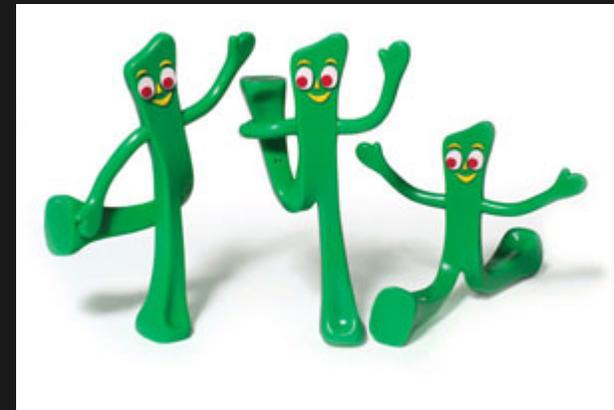
Kids with Autism

Rule of TEN

T...Take Turns Talking
Questions

E...Engage with Your Eyes
Gumby Maneuvers

N...Notice Nonverbals
Pause Time



Sticky Note Strategy



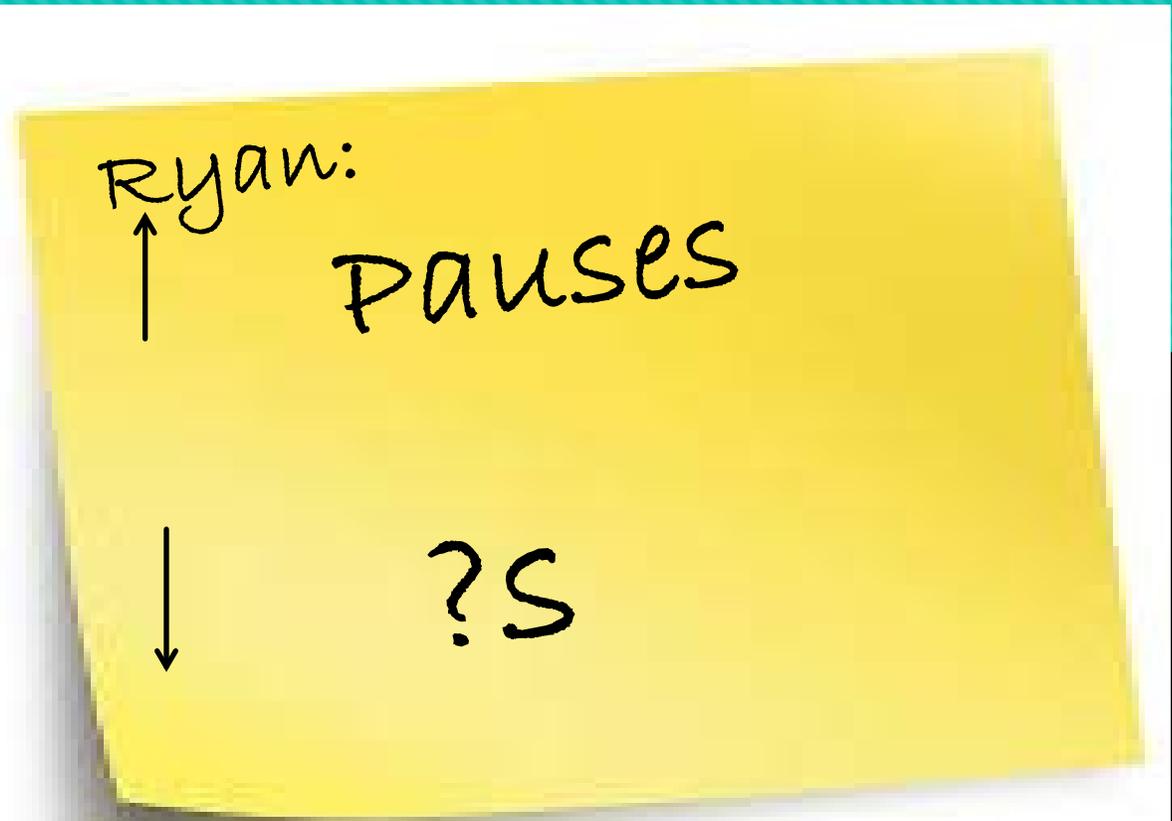
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Use Visuals AAC (iPad)

Low-Tech Choice Boards

I want 



Post Its to Remind Staff

