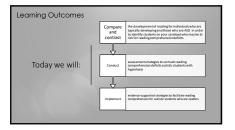


1 2





#### Jenny

"But, she learned to read all by herself when she was only three! I know Jenny has autism, but when she started Kindergarten her teachers said she was an advanced reader. Even though she sometimes struggled socially, schoolwork was always easy for her because she read so well."



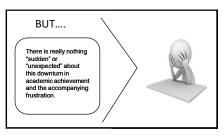
#### Jenny

"Now, in fourth grade, she just can't seem to keep up. She gets discouraged and frustrated—and we do, too! We just don't know what happened."

Sound familiar?

4 5







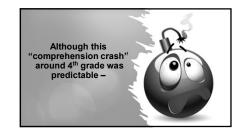
The behaviors that predicted this outcome were identifiable from Jenny's first interactions with text.

7 8 9



Those behaviors deemed as positive and desirable in a student with high-functioning autism—early, spontaneous reading—can predict substantial challenges in reading comprehension.



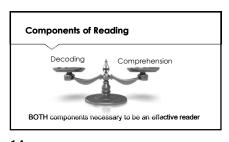


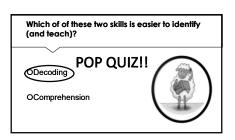


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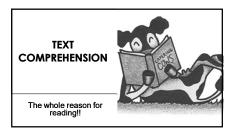
OTwo components of reading

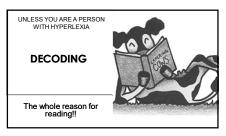
1) Decoding
2) Comprehension

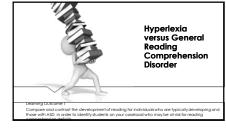




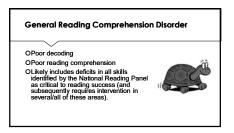
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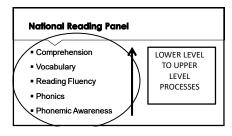


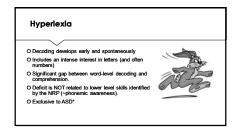




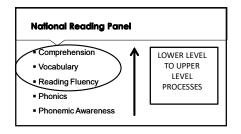
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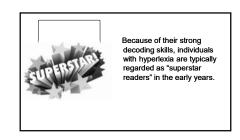




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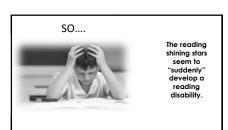


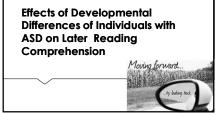
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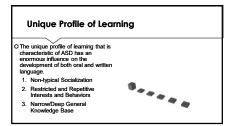
Because of their strong decoding skills, individuals with hyperlexia are typically regarded as "superstar readers" in the early years. O But, the "holes" in their reading skills begin to affect comprehension around 4th grade when independent comprehension of material becomes critical to academic success

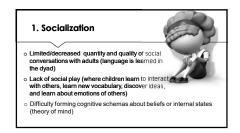
O These students can "read," but they don't gain information from the text because they only have the decoding piece of reading.

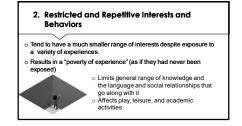




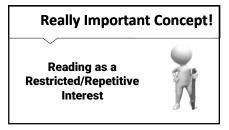
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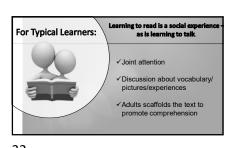


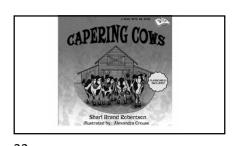




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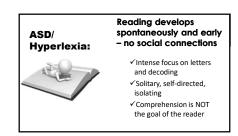




31 32 33







34 35 36

When it's late and I can't sleep.
I count cows instead of sheep.

Brown Cows. White Cows.



Heavy Cows. Light Cows.

37 38 39

#### **Effects on Comprehension**

OLiteral interpretations of text

OLimited/poor vocabulary (except around topics of interest)

- Multiple meaning words
   Figurethy lenguage
- Figurative language

OLack of comprehension/self-monitoring

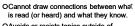
OInflexible thinking

3. General Knowledge Base Restrictions



- Most people have a shallow and wide base of information across a range of topics (that is, we know a little about a lot of things)
- Autistic individuals tend to have a narrow and deep base of information (know a lot about a few things)
- May have advanced, factual knowledge and vocabulary on a severely limited range of topics – but little or no knowledge about other topics.

OLimits topics on which they can converse (social/vocabulary) which limits social conversation/experiences.



- OAvoids or resists topics outside of interest area.
- OComprehension of both oral and written language is compromised.



40 41 42

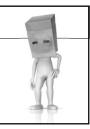


#### Problem does NOT "suddenly develop"

- OThe reading problem has been there all along hiding in plain sight.
- O Recognizable from first interactions with text, but is typically ignored/ not recognized.
- O The very characteristics that parents and teachers often identify as "advanced" signal that the student is at risk for poor reading comprehension.

OTaken together, these developmental characteristics can have a debilitating effect on both oral and written language comprehension of ASD readers.

OAssessment and intervention must be aimed at unmasking the problem and addressing the comprehension deficit as early as possible.



43 44 45



Factors that Mask Comprehension Difficulties/ Delay Intervention



✓Early "reading superstar" status

✓Good visual memory

✓Superficial comprehension/
understanding of concrete facts —
problems only become apparent as
demands of reading increase

✓Resistance from families or educators to
investigate potential problems when the
child appears to be/has a history of being
so far ahead of his/her peers in reading.

46 47 48

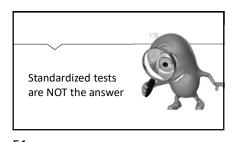
Initiating appropriate assessment and intervention as soon as the nontypical behaviors in the social and behavioral aspects of learning to read are observed is an important first step toward minimizing reading comprehension deficits.



Assessment Considerations

Hyperlexia itself should be considered a red flag for future comprehension difficulties.

Learning Outcome 2
dentity capacitate methods to identify potential comprehension deficits for ASD readers.

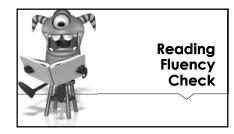


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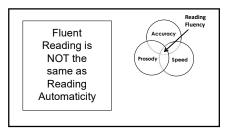
#### Why not standardized tests?

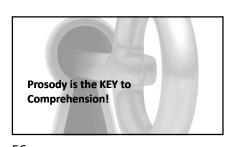
- O Autistic individuals can achieve test scores within the average range by tapping into strengths that mask the underlying deficits.(e.g., tend to do well on isolated tasks)
- O Formal/standardized tests are not particularly helpful in identifying appropriate intervention targets.
- Reading Prosody Check
  Contrastive Stress Questions
  Heteronym read-alouds
  Passage Retell
  Compare skills to state standards
  College placement testing

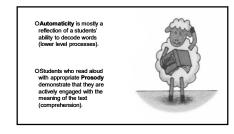
  Suggestions for Assessment



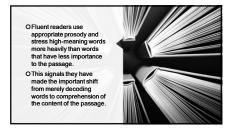
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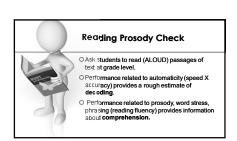






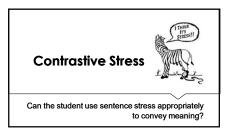
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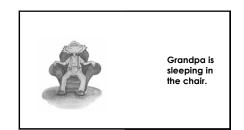


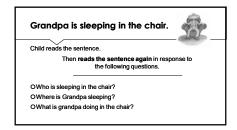


Exercised Programs of the Control of	ear to yntax				
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expression. Generally reads at an appropriate rate.  2 Reads primarily in two-word phrase groups with some three- and four-word					
Reads primarily in two-word phrase groups with some three- and four-word	d with				
groupings. Some word-by-word reading may be present. Word groupings					
seem awkward and unrelated to the larger context of the sentence or par	toge.				
NON-FUZINT A small portion of the text is read with expressive interpretation. Reads					
significant sections of the text excessively slow or fast					
Reads primarily word-by-word. Occasional two-word or three-word phras may occur – but these are infrequent and/or they do not preserve meaning					
syntax. Lacks expressive interpretation, fleads text excessively slow. A sco					
should also be given to a student who reads with excessive speed, ignoring					
punctuation and other phrase boundaries, and reads with little or no expen					

58 59 60



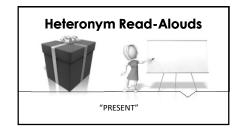




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65 66 64

#### Heteronym read-alouds

O Helps identify if the reader is merely decoding (word calling) or can understands the deeper meaning of the text.

OReaders who are unable to manage heteronyms (i.e., apply appropriate word stress) in context during read-alouds reveal underlying deficits in comprehension.

Can the student use appropriate syllable stress in context?

OBlood vessels contract when its cold outside. OA good sewer must be able to make straight seams in a garment.

OGet the **lead** out! We are late to the party. OI'm always excited to **read** a new story.

#### Find a comprehensive list of English heteronyms at:

www.english-for-students.com

(website listed in handouts)

68 67 69

# Passage Retell

Can the student provide a coherent retell of a reading passage ?

#### Passage Retelling

OProvides authentic, comprehensive snapshot of comprehension (Thorne & Coggins, 2007)

Oldeally, assess using several passages of different genres (Fictional, expository text, etc.)

O Informal decisions made regarding the quality and characteristics of the retell.

OThese observations are used to make decisions about intervention

PASSAGE/STORY RETELL ✓ Parroting of facts or paraphrasing? ✓ Muddle of ideas or main idea? handouts and online at www.dvnamic-✓ Inclusion of bizarre/unrelated facts or references? resources.org/free resources ✓ Able to answer clarifying questions?

Assess Skills Related to Educational Standards

OAn efficient and systematic way to identify what to target (and where to start) is to compare current skills to state standards.

OCCSS for many states

OCan use your state's standards as well.

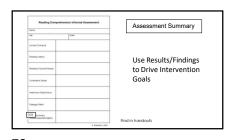


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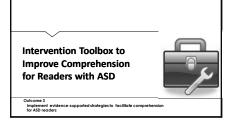


O Free
Used to determine level of skill in relation to what is expected at the college level – NOT ADMISSION test.
Can be taken beginning in junior high.
Use results to drive intervention – what does the individual need to improve to meet expectations of college?

https://accuplacer.collegeboard.org



76 77 78



79

OPaucity of research regarding comprehension that includes ASD participants
OChang (2007): 754 studies related to reading comprehension; 11 included at least one ASD participant
OMost studied single word comprehension

Good Comprehenders

ORead with Purpose
OMonitor their own comprehension
OInfer what is not stated explicitly
OInterpret information and link to their own
knowledge and beliefs systems
OUse author's organizational scheme or impose
their own to increase understanding

80 81

#### Individuals with Hyperlexia

OOnly decode words – do not look for purpose. ODo not self-monitor comprehension OTypically only understand single, literal word meanings. Cannot read between the lines. OBackground knowledge is narrow and

ODo not consider organizational structure

POTENTIAL INTERVENTION TARGETS Based on what we know about those with hyperlexia and what we know about facilitating reading comprehension

✓ Build Intervention Around Books ✓ Social Aspects of Reading ✓ Vocabulary Development ✓ Purposeful Reading ✓ Morphology

82 83 84



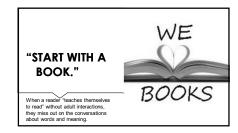
OWhen a readers "teaches themselves to read" without adult interactions, they miss out on the conversations about words and meaning. OParents/caregivers actually model meta skills when reading with children.

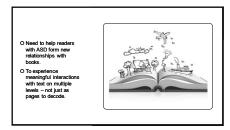
OThink how that might look....

O"The hungry caterpillar is eating all kinds of food!" (categorization)
OI wonder what that means? (metacognition/comprehension) OLook - there words all have the

85 86 87







88 89 90

#### The Social Aspects of Reading

- OThe key issue is to consider the pattern of development that is typical of autistic individuals.
- ✓Poor social relationships
- ✓Reading as a restrictive/repetitive behavior
- √Comprehension is not end goal

So, our task is to fill in the missing pieces

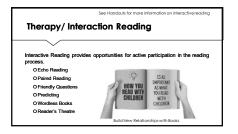
**Targeting Social Reading** 

OChildren who demonstrate hyperlexia mostly likely will need to learn how to read within the dyad. OAdult scaffolds the interaction to highlight the **meaning** of what is being read.

OHelp child link pictures to text, build schemata, broaden vocabulary, promote flexible thinking, demonstrate that comprehension is the goal of reading



91 92 93

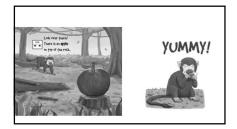






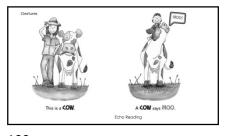
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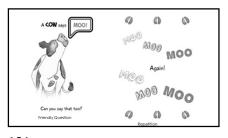






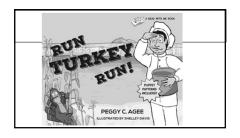
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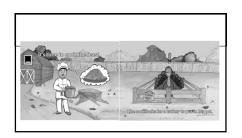


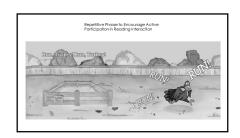




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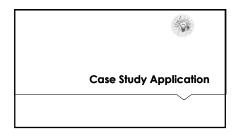
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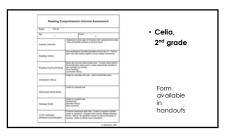


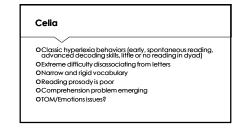




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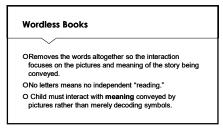






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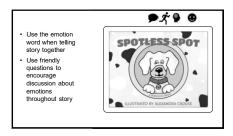
# Intervention Plan \* Build activities around books \* Social/Interactive reading experiences to model comprehension as end goal \* Reduce dependence on text/shift focus from letters only \* Encourage /model appropriate prosody \* Expand Vocabulary (Vocabulary of Emotions) \* Increase social/emotional awareness in self and others \* Transfer skills to real life

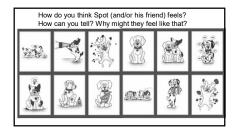




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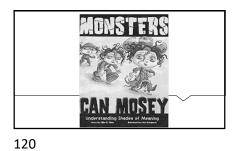




115 116 117



Find a list of wordless books for both younger and older students in the handouts for this seminar



118 119 12



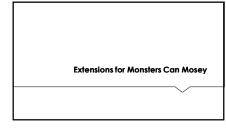




121 122 123



	Move	ment	
	Lurch	Slink	
İ	Walk	Glide	
	Strut	Float	
İ	Prance	Slither	
İ	March	Squirm	
İ	Trudge	Ooze	
İ	Lumber	Prowl	
	Clomp	Stride	
İ	Stomp	Mosey	
1	Tiptoe	Sneak	

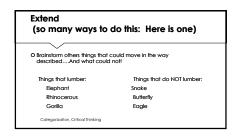


124 125 126



OObviously, you are going to have students act out all of the different ways a Monster can move!

- O "Slink," lumber," and "march" your way across the room. Try the "side lurch" like Uncle Rob (the zombie).
- OFor multiple students, have them pick which form of movement they want to demonstrate or do a compare and contrast, such as "prowl" versus "prance."





127 128 129

CREATE A NEW BOOK TITLE!

OTask: Create a title for another (hypothetical) book following the pattern of the title from Monsters Can Mosey.

OFor younger students: Have students brainstorm other

OFor younger students: Have students brainstorm other ways that "nouns" can "move." You write the title on a sticky note and they add it to the poster or word wall board.

OFor older students: Students create and write titles themselves.

memserves.

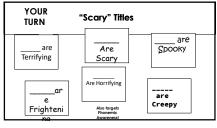
Monsters Can Mosey Also targets Processing Also targets Processing				
Giraffes Can Gyrate	Tigers Can Tiptoe	Ducklings Can Dawdle		
Llamas Can Lollygag	Pandas Can Prance	Cats Can Cartwheel		

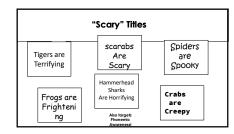
Movement		Fear
Lurch	Slink	Scary
Walk	Glide	Unnerving
- Walk	Gilde	ornerving
Strut	Float	Panic
Prance	Slither	Frighten
March	Squirm	Spooky
Trudge	Ooze	Creepy
Lumber	Prowl	Harrifying
Clomp	Stride	
_		_
Stomp	Mosey	
Tiptoe	Sneak	

130 131 132

OFear is described in many ways throughout the book. What is something that is "creepy" versus "horiflying?" "Unnerving" versus "spooky."

OCreate a new word wall for "scary."
(Adjectives/shades of meaning)

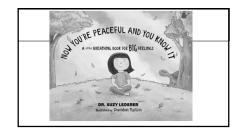




133 134 135

Moveme	ent	Fear	Cognition
Lurch	Slink	Scary	Think
Walk	Glide	Unnerving	Know
Strut	Float	Panic	Suspect
Prance	Slither	Frighten	Keep in mind
March	Squirm	Spooky	Conclude
Trudge	Ooze	Creepy	Suppose
Lumber	Prowl	Horrifying	Imagine
Clomp	Stride		
Stomp	Mosey		
Tiptoe	Sneak		

What might we do with cognition words?



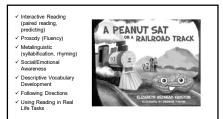






#### Intervention Targets Addressed

- ✓ Increase social/emotional awar
  ✓ Transfer skills to real life





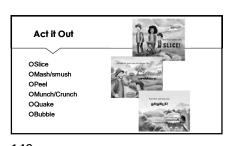


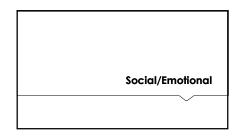




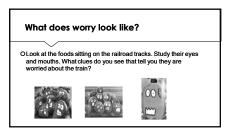
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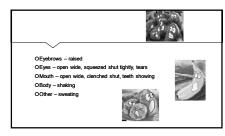


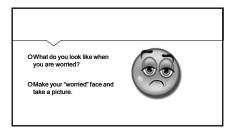




148 149 150







151 152 153





Intervention Targets Addressed

\* Build activities around books

\* Social/Interactive reading experiences to model comprehension as end goal

\* Reduce dependence on text/shift focus from letters only

\* Expand Vocabulary

\* Encourage /model appropriate prosody

Increase social/motional awareness in self and others

\* Transfer skills to real life

154 155 156



Name Jason	
Age 10	Grade 5
Current Concerns	Currently, experience extreme flustration. Acting out. Cannot apply information from reading to classwork or discussions. Resists reading on qnything but preferred topics.
Reading History	Classic hyperiexia profile. Early spontenous reading - self taugh Considered a high-level reader in K-1. Preferred books on speci (fic topics (trains, dinosaurs, vehicles, ships)
	Some intonation present. Some odd phrasing and stress.

Required a good deal of supportmodeling to complete task. Unable to use appropriate laters independently.

Hoteronym Read-Aloud

British settler parameter modern of observations and produced affects.

Passage Retell

Passage Retell

CSSS Summany
(Newthinseed-Oherngths)

CSSS Summany
(Newthinseed-Oherngths)

S. Rissenser, 2000

157 158 159

Jason Summary

Ohyperlexia profile (reading = repetitive restrictive interest. High decoding, low comprehension)

OPoor Prosody

ODoes not understand non-literal/ Figurative Language

ODoes not use context for to identify meaning

O Rigid vocabulary

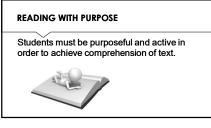
Jason Intervention Plan

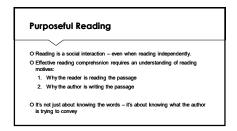
Purposeful Reading
Building Flexible and Diverse Vocabulary
Contrastive Stress practice
Echo reading with grade level materials
Morphological Awareness

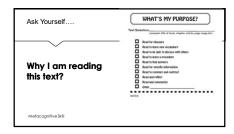
Purposeful Reading
 OBuilding Flexible and Diverse Vocabulary
 OContrastive Stress practice
 OEcho reading with grade level materials
 OMorphological Awareness
 OFigurative Language

160 161 162

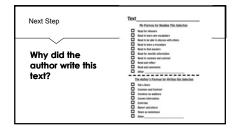
✓ Figurative Language

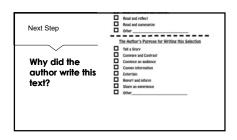


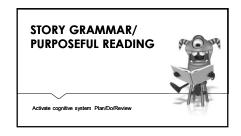




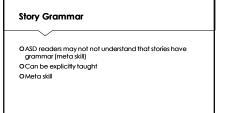
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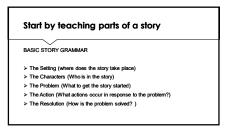


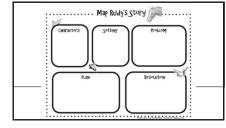




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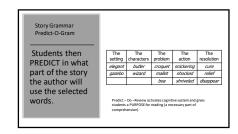




169 170 171

Teacher/SLP creates a list of vocabulary word for a specific story/ book.

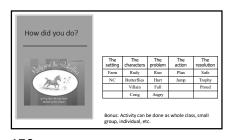
boa, butler, croquet, mallet, cure, disappear, elegant, gazebo, relief, chocked, shriveled, snickering, wizard





172 173 174







175 176 177

OMad as a hornet
ORan like the wind
Olike the shifting colors of a kaleidoscope
Olike a spoiled brat
Olike he had wings on his feet

Jason Intervention Targets Addressed

Figurative Language
Purposeful Reading
Building Flexible and Diverse Vocabulary
Ocontrastive Stress practice
OEcho reading with grade level materials
OMORPHOLOGY to link words to meaning

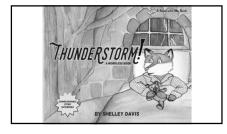
Jason Intervention Targets

OMORPHOLOGY to link words to meaning
OFigurative Language
OPurposeful Reading

\*Building Flexible and Diverse Vocabulary
OContrastive Stress practice
OEcho reading with grade level materials

178 179 180

Summary of Research Teaching Vocabulary
Reading aloud/incorporating books into therapy is an effective and efficient way to build vocabulary.
Active engagement improves learning.
Effective direct vocabulary instruction does not rely on definitions.
Teaching word parts enhances learn- ing.
Students must represent their knowl- edge of words in both linguistic and non-inguistic ways.
Playing with words and gamification are effective ways to help students become more word conscious.
Repeated exposure is essential



	7.		
miserable	relieved	sad	frightened
lonely	suprised	curious	imaginative
peaceful	excited	unaware	sleepy
happy	angry	energetic	scared
	,		

181 182 183





Reading aloud/incorporating books into therapy is an effective and efficient way to build vocabulary.
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Students must represent their knowledge of words in both linguistic and non-linguistic ways.
Playing with words and gamification are effective ways to help students become more word conscious.
Repeated exposure is essential

184 185 186

unpredictable /ənprədiktəbl/ unpredictable

unpredictable

187 188 189

#### unpredictable

Unpredictable
Opposite Setore Soy Capable of

Sub-lexical Vocabulary Instruction

Study of the internal structure of words is an important key to vocabulary development and comprehension for autistic individuals

Morphemes are the meaning structures of words!

190 191 192

#### Morphological Instruction

ORoots and affixes are clear, concrete, and predictable.

OAdding and subtracting word parts has mathematical overlays – often an area of strength for individuals with hyperlexia.

Oenchantment
Omagical
Owizardry
Oinvisibility
Oilluminator
Oseeker
Ogolden

Oenchantment
Omagical
Owizardry
Oinvisibility
Oilluminator
Oseeker
Ogolden

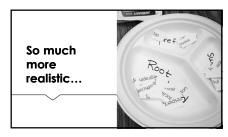
193 194 195

#### **Roots and Branches**

OCreate flashcards (index cards) that include a variety of base words and multiple affixes.

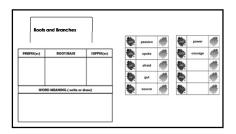
OLearners make as many multi-syllabic words as they can from these "roots and branches."

O This activity can be modified to work with individuals, small groups, large groups, or learning teams.



196 197 198

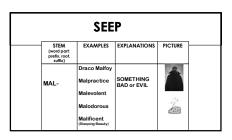






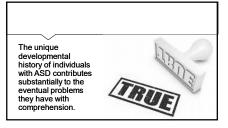
199 200 201

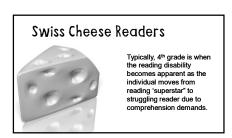


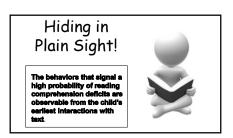




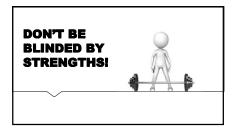
202 203 204

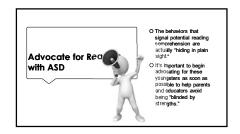






205 206 207







208 209 210





#### **NAEP Oral Reading Fluency Scale**

Score	Criteria
4	Reads primarily in larger, meaningful phrase groups. Although some regressions, repetitions, and deviations from the text may be present, these do not appear to detract from the overall structure of the story. Preservation of the author's syntex is consistant. Some or most of the story is read with expressive interpretation. Reads at an appropriate rate.
3	Reads primarily in three- and four-word phrase groups. Some smaller groupings may be present. However, the majority of phrasing seems appropriate and preserves the syntax of the author. Little or no expressive interpretation is present. Reader attempts to read expressively and some of the story is read with expression. Generally reads at an appropriate rate.
2	Reads primarily in two-word phrase groups with some three- and four-word groupings. Some word-by-word reading may be present. Word groupings may seem awkward and unrelated to the larger context of the sentence or passage. A small portion of the text is read with expressive interpretation. Reads significant sections of the text excessively slow or fast.
1	Reads primarily word-by-word. Occasional two-word or three-word phrases may occur - but these are infrequent and/or they do not preserve meaningful syntax. Lacks expresive interpretation. Reads text excesssively slow. A score of "1" should also be given to a student who reads with excessive speed, ignoring punctuation and other phrase boundaries, and reads with little or no expression.

SOURCE: US Department of Education, Institute of Educational Sciences, National Center for Educational Statistics, National Assessment of Educational Progress (NAEP), 2002 Oral Reading Study. Accessible at: nces.ed.gov/nationsreportcard/studies/ors/scale.asp

PASSAGE/STORY RETELL			
✓ Parroting of facts or paraphrasing?			
✓ Random bits of information or story grammar?			
✓ Consideration of the needs of the listener?			
✓ Use of appropriate pronouns/anaphoric referencing?			
✓ Muddle of ideas or main idea?			
✓ Inclusion of bizarre/unrelated facts or references?			
✓ Able to answer clarifying questions?			

Name	
Age	Grade
Current Concerns	
Reading History	
Reading Fluency/ Prosody	
Contrastive Stress	
Heteronym Read- Alouds	
Passage Retell	
Summary of CCSS Skills	



# SKILL-BASED ASSESSMENT OF CORE COMMUNICATION STANDARDS

K-2

JENNIFER SCHULTZ M.A./CCC-SLP

### WHAT'S MY PURPOSE?

Text Sele	ection
	(example: title of book, chapter, article, page range,etc)
_	
	Read for pleasure
	Read to learn new vocabulary
	Read to be able to discuss with others
	Read to learn a procedure
	Read to find answers
	Read for specific information
	Read to compare and contrast
	Read and reflect
	Read and summarize
	Other

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NOTES

#### **Reading Comprehension Informal Assessment CELIA** Name Grade Age 7 2 Beginning to show signs of furstraton with comprehension tasks. Does not identify emotions of self and others **Current Concerns** Early spontaneous decoding identified around age 3.5. Parents report very little reading together (social reading interactions) Reading History Speed and accuracy above grade level. Prosody mainly absent. Stress/Intonation when used is mostly inappropriate resulting in odd sounding oral reading. Reading Fluency/Prosody (Echo Reading) (Contrastive Stress) Unable to complete this task. (Add to intervention plan) **Contrastive Stress** Unable to complete task Heteronym Read-Aloud Unable to complete task (Sequencing) (Wordless Books) Passage Retell (Story grammar) Phonemic awareness skills okay. Unable to segment syllables. Unable to categorize. Struggles with rhyming. Multiple Meaning **CSSS Summary** Words - difficult.. No apparent concept of synonyms/shades of (Weaknesses/Strengths) meaning. Unable to identify word roots/affixes.

# EXTENSION ACTIVITIES FOR A PEANUT SAT ON A RAILROAD TRACK



	Identify the number of syllables in the foods in the story :	
Syllabe Segmentor	peas apples avocado bananas strawberries potatoes chocolate milk peanut	
(Phonological Awareness)	Other words for segmenting syllables:	
	railroad guacamole track jug number soup louder yummy apple sauce burp	
	Llisten to the story. When the reader pauses, tell them two rhyming words you heard on that page.	
Rhyme Time (Phonological Awareness)	(Answers: aflutter/peanut butter aflit/(banana) split louder/chowder toss/sauce roly-poly/guacamole bam/jam loop/soup treat(s)/eat	
	Use various strategies to identify the sounds in each action word:	
Sound Segmenter (Phonemic Awareness)	slice whizz mash smuch peel bubble munch burp	
	(HINT: We love using paint strips (horizontally).Touch or move a token into a color variant on the strip for each sound)	

	Use the graphic organizer to talk about food in the book:  What does it look like? How does it taste or smell? What does it sound like?	
Categorization	How does it feel? Where do you find or keep it? How is it make or what can you make with it? When do we eat? What group does it go in?	
	Think of your favorite foods.  Take turns descibing it using the graphic organizer.  Can you communiation partner guess the food?	
Same/Different	Pick two foods from the book:  How are they the same?  How are they different?	
Act it out	slice whizz mash smuch peel bubble munch burp	
Social/Emotional Connections	What does worry look like? Look at the foods sitting on the railroad tracks. Study their eyes and mouths. What clues do you see that tell you they are worried about the train?  eyebrows - raised	
(TOM)	eyes - wide open, sqeezed shut, tears mouth - open wide, clenched shut, teeth body - shaking other - sweating	
	Make your worried face and take a picture. What do you look like where you are worried?	

Dynamic Resources, LLC www.dynamic-resources.net

#### **Reading Comprehension Informal Assessment** Name Jason Grade Age 10 5 Currently, experience extreme frustration. Acting out. Cannot apply information from reading to classwork or discussions. Resists reading on qnything but preferred topics. **Current Concerns** Classic hyperlexia profile. Early spontenous reading - self taught. Considered a high-level reader in K-1. Preferred books on speci-Reading History ific topics (trains, dinosaurs, vehicles, ships) Some intonation present. Some odd phrasing and stress. Reading Fluency/Prosody Required a good deal of support/modeling to complete task. Unable to use appropriate stress independently. **Contrastive Stress** 8/10 sentences read with incorrect stress. Heteronym Read-Aloud Parrots facts/No story grammar muddle of ideas cannot answer clarifying questions Passage Retell

-summarize information from text

-shades of meaning, synonyms, antonyms

-context as clue to meaning

-cannot identify roots/affixes

-figurative language very poor

**CCSS Summary** 

(Weaknesses/Strengths)



STEM	EXAMPLE	EXPLANATION	PICTURE

#### **Common Greek Roots**

Greek Root	Definition	Example
anthropo	man; human; humanity	anthropologist, philanthropy
auto	self	autobiography, automobile
bio	life	biology, biography
chron	time	chronological, chronic
dyna	power	dynamic, dynamite
dys	bad; hard; unlucky	dysfunctional, dyslexic
gram	thing written	epigram, telegram
graph	writing	graphic, phonograph
hetero	different	heteronym, heterogeneous
homo	same	homonym, homogenous
hydr	water	hydration, dehydrate
hyper	over; above; beyond	hyperactive, hyperbole
hypo	below; beneath	hypothermia, hypothetical
logy	study of	biology, psychology
meter/metr	measure	thermometer, perimeter
micro	small	microbe, microscope
mis/miso	hate	misanthrope, misogyny
mono	one	monologue, monotonous
morph	form; shape	morphology, morphing
nym	name	antonym, synonym
phil	love	philanthropist, philosophy
phobia	fear	claustrophobia, phobic
photo/phos	light	photograph, phosphorous
pseudo	false	pseudonym, pseudoscience
psycho	soul; spirit	psychology, psychic
scope	viewing instrument	microscope, telescope
techno	art; science; skill	technique, technological
tele	far off	television, telephone
therm	heat	thermal, thermometer

#### **Common Latin Roots**

Latin Root	Definition	Example
ambi	both	ambiguous, ambidextrous
aqua	water	aquarium, aquamarine
aud	to hear	audience, audition
bene	good	benefactor, benevolent
cent	one hundred	century, percent
circum	around	circumference, circumstance
contra/counter	against	contradict, encounter
dict	to say	dictation, dictator
duc/duct	to lead	conduct, induce
fac	to do; to make	factory, manufacture
form	shape	conform, reform
fort	strength	fortitude, fortress
fract	break	fracture, fraction
ject	throw	projection, rejection
jud	judge	judicial, prejudice
mal	bad	malevolent, malefactor
mater	mother	maternal, maternity
mit	to send	transmit, admit
mort	death	mortal, mortician
multi	many	multimedia, multiple
pater	father	paternal, paternity
port	to carry	portable, transportation
rupt	to break	bankrupt, disruption
scrib/script	to write	inscription, prescribe
sect/sec	to cut	bisect, section
sent	to feel; to send	consent, resent
spect	to look	inspection, spectator
struct	to build	destruction, restructure
vid/vis	to see	televise, video
VOC	voice; to call	vocalize, advocate

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## BOOKS LISTS AND RESOURCES

BOOKS USED IN TODAY'S PRESENTATION			
Capering Cows, Shivering Sheep	Shari Robertson		
Spotless Spot, Firefly Fox	Alexandra Crouse		
I Can Say That!	Suzy Lederer		
A Peanut Sat on a Railroad Track	Elizabeth Redhead Kriston		
Monsters Can Mosey	Gilla Olson		
Move!	Steve Jenkins and Robin Page		
	0		
ADDITIONAL WORDLESS BOOKS (Younger Students)			
Thunderstorm	Shelley Davis		
Changes, Changes	Pat Hutchins		
Good Dog, Carl	Alexandra Day		
Good Night, Gorilla	Peggy Rathman		
Beaver is Lost	Elisha Cooper		
Truck	Donald Crews		
Flashlight	Lizi Boyd		
Inside Outside	Lizi Boyd		
Museum Trip	Barbara Lehman		
The Lion and the Mouse	Jerry Pinkney		
WORDLESS BOOKS FOR OLDER KIDS			
Unspoken: A Story from the Underground Railroad	Henry Cole		
Sector Seven, Flotsam, Tuesday	David Weisner		
Journey, Return, Quest	Aaron Becker		
Fossil	Bill Thompson		
Noah's Ark	Peter Spier		
Chalk	Bill Thompson		
Lights Out	Arthur Geisert		
RESOURCES USED IN PRESEI	NTATION		
Skills-Based Assessment of Core Communication	Jennifer Schultz		
Standards: K-2			
Skills-Based Assessment of Core Communication	Jennifer Schultz		
Standards: 3-5			
Very Vivid Vocabulary	Monica Gustafson		
Read with Me! (Interactie Reading)	Shari Robertson		
WEBSITE RESOURCES			
www.dynamic-resources.net	Resources for Interactive Reading,		
and the formation of the	Books used in today's presentation		
www.english-for-students.com	List of English heteronyms		
https://accuplacer.collegeboard.org/	College Placement testing		
http://nces.ed.gov/nationsreportcard/studies/ors/scale.asp	NAEP Oral Reading Fluency Scale		
https://www.ereadingworksheets.com/free-reading- worksheets/authors-purpose-worksheets/	What's my purpose worksheets		

#### **SELECTED REFERENCES/FURTHER READING**

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