# Monitoring Students' Literacy Progress in the Classroom Setting

so you can focus your time and energy in the right places to meet the needs of ALL your students!



#### HI! I'M LAURA

I'm an educational therapist and curriculum designer at Ascend SMARTER Intervention where our mission is to make research-based instruction easy and accessible.

- At Ascend, we've worked directly with over 500 students with learning difficulties in grades K-12.
- We consult with and have trained over 25,000 educators and specialists at the school and district levels throughout the world.



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#### WHY

Why do we need to track data?

#### WHAT

What is the step-bystep process for collecting data and using data to differentiate in small groups?

#### HOW

How do I follow these steps?

Q&A

WHAT IF

#### TRAINING OUTLINE

# Reflection -

What is your role?

How does data impact you in your role?

### Why is Data Important?



Data gives us information about students' learning profiles and individual needs (giving us clarity!)



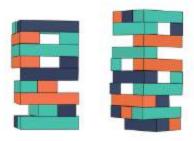
Students needs change and evolve (Feels like "whack-a-mole")



It helps us be more efficient (saving us time!)



It helps us speak more clearly about student progress/needs (establishing trust in us)



### WHAT ARE WE ASSESSING?

Sometimes we feel like we are drowning in data and we don't know what to do with it because we're losing the bigger picture.

### Types of Assessments

#### **Formal Assessments**



Universal Screening Tools (Tier 1)



Curriculum-Based / Mastery-Based Tools (*Tier 1, 2, & 3*)



Standardized Assessment (Tier 3)

#### **Ongoing Assessments**



Observation



Work samples/potfolios



Exit tickets



Trials / Binary Data Tracking

### Purpose of Assessments

#### **Formal Assessments**



Can the student read at a proficient level / are they on target with age / grade level expectations?



If not, what is the underlying cause of their difficulty?



What small group should I place this student in?

#### **Ongoing Assessments**



What are students' specific areas of for growth? (helps us differentiate)



Should this student be referred for testing and do they need more support?



Is the student making progress?

### Key Research

Gough & Tunmer, 1986; Scarborough, 2001

Language Comprehension



Word Recognition

#### LANGUAGE COMPREHENSION

BACKGROUND KNOWLEDGE (facts, concepts, etc.)

VOCABULARY (breadth, precision, links, etc.)

LANGUAGE STRUCTURES (syntax, semantics, etc.)

VERBAL REASONING (inference, metaphor, etc.)

LITERACY KNOWLEDGE (print concepts, genres, etc.)

SKILLED READING: Fluent execution and coordination of word recognition and text comprehension.

WORD RECOGNITION

PHONOLOGICAL AWARENESS (syllables, phonemes, etc.)

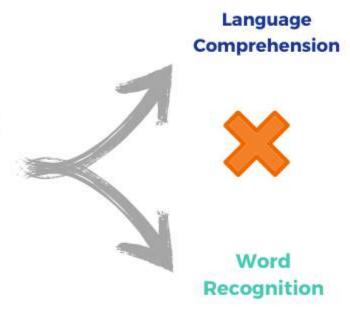
DECODING (alphabetic principle, spelling-sound correspondences)

SIGHT RECOGNITION (of familiar words)

Scarborough, H. (2001). Connecting early language and literacy to later reading (dis)abilities: evidence, theory and practice. In S. B. Neuman & D. K. Dickinson (Eds.), Handbook of early literacy research (Vol. 1, pp. 97-110). New York, NY: Guilford Press.

### Why are we assessing?

If a student is not reading at a proficient level, what is the underlying cause of their difficulty?



BACKGROUND KNOWLEDGE (facts, concepts, etc.)

VOCABULARY (breadth, precision, links, etc.)

LANGUAGE STRUCTURES (syntax, semantics, etc.)

VERBAL REASONING (inference, metaphor, etc.)

LITERACY KNOWLEDGE (print concepts, genres, etc.)

PHONOLOGICAL AWARENESS (syllables, phonemes, etc.)

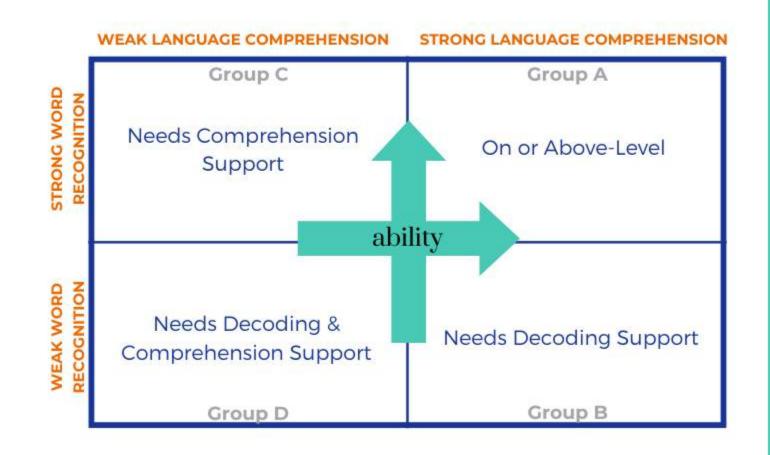
DECODING (alphabetic principle, spelling-sound correspondences)

SIGHT RECOGNITION (of familiar words)

### Why are we assessing?

Our formal assessments should help us to place students into one of these four groups.

Once we have these groups, we can understand what data to collect informally and how to differentiate.





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How do I follow these steps?

WHAT IF

Q&A

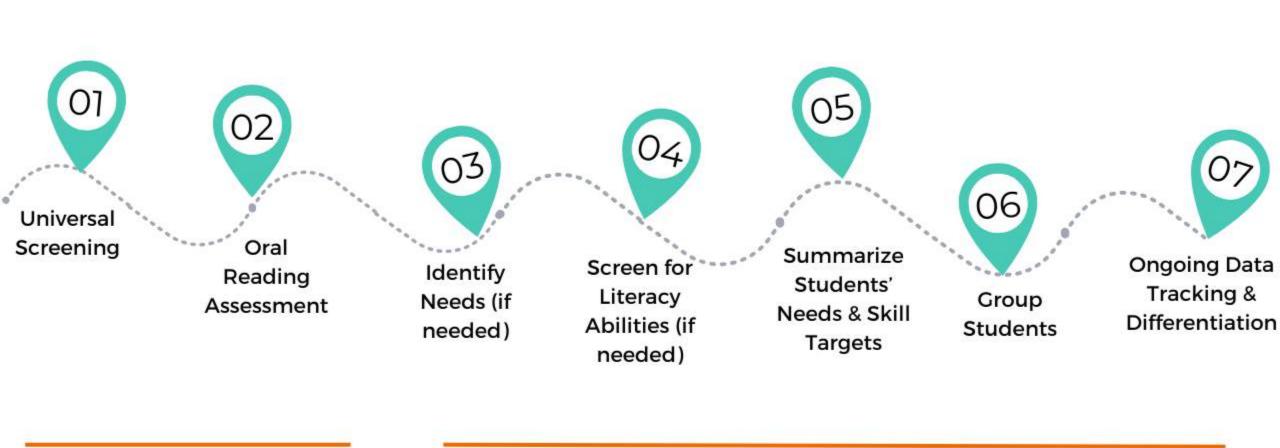
TRAINING OUTLINE

# Reflection -

What type of data are you collecting currently?

What do you do with this data?

# data stræcking



At Risk Students

**All Students** 

1

#### **Universal Screening**

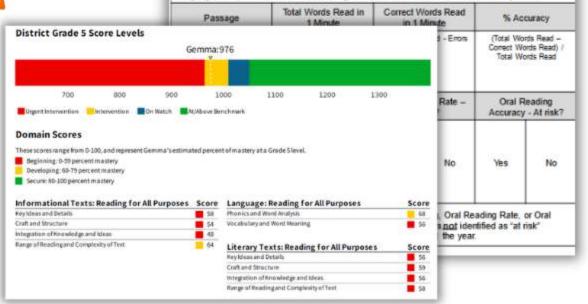


Complete a formal assessment for each student to see if they are on grade level.

Name:		Date:	Grade:	
Step 1: Universal	Screening			
Assessment/s*	Criteria for Risk	Student Score	Atri	isk?
☐ iReady ☐ MAP ☐ AMSweb ☐ STAR ☐ Acadience ☐ DBELS ☐ Other:	Student scores fall below benchmark on one or more subtests		Yes	No

#### Step 2: Oral Reading Assessment

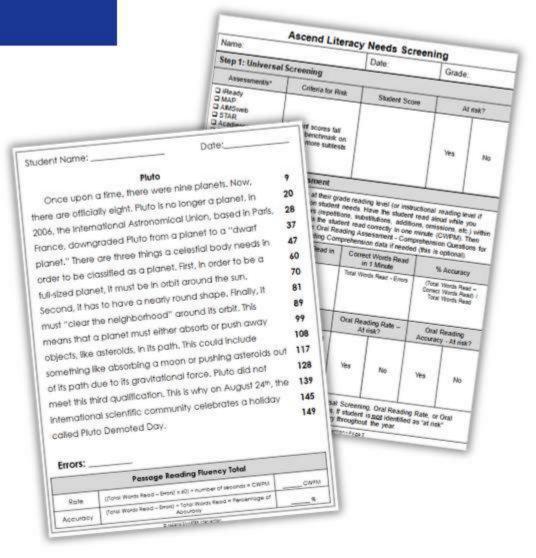
Provide the student a short passage at their grade reading level (or instructional reading level if grade level is not appropriate based on student needs. Have the student read aloud while you follow along. Mark the number of errors (repetitions, substitutions, additions, omissions, etc.) within the text. Calculate the number of words the student read correctly in one minute (CWPM). Then calculate the percent accuracy. Use the Oral Reading Assessment - Comprehension Questions for Language Comprehension Skills – Reading Comprehension data if needed (this is optional).



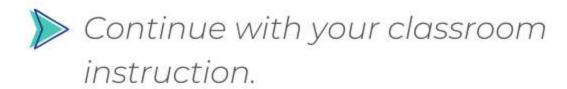
2

### Oral Reading Assessment

- Pick a grade level passage.
- Have students read for one minute and determine if they are below the grade-level benchmark for the time of year.



If students are not below the benchmark or flagged as at risk on either the Universal Screening or the Oral Language Assessment, you do not need to do any further data analysis.





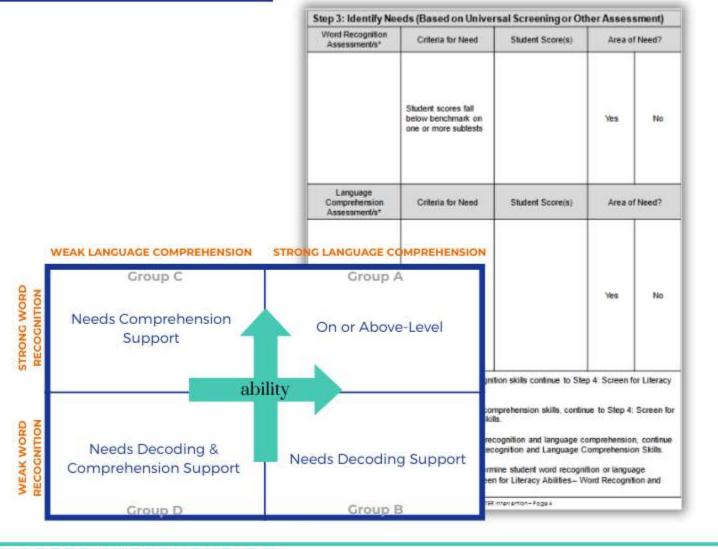
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#### **Identify Needs**



Language Comprehension

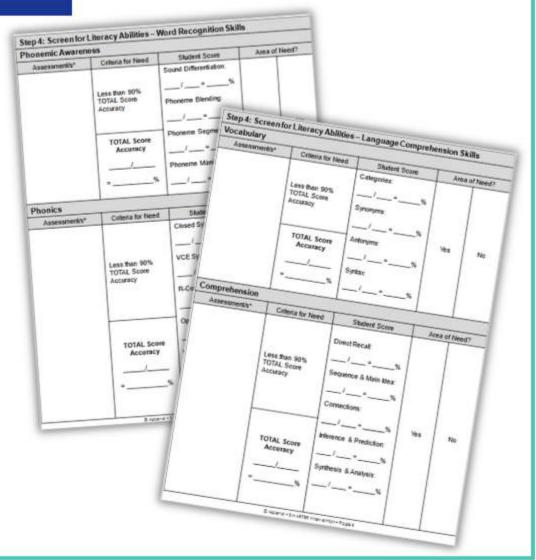
> Both





### Screen for Literacy Abilities (Curriculum/Mastery-Based)







#### Summarize Students' Needs & Skill Targets

- Use this data to establish goals
- Use this data to share with others
- Use this data to guide our instruction (and our ongoing data tracking)

Universal Screeni	ng					
Assessment	Assessment/s*		core(s)	At risk?		
				Yes	No	
Oral Reading						
Measure		5	core	At	At risk?	
Rate				'Virs	No	
Accuracy				\es	No	
Identified Areas of	Need	10			Mil	
Concept		Ass	esement	Area of Need?		
Word Recognition Skills				Ves	No	
Language Comprehension Skills				Yes	No	
Skill Targets		12			765	
Concept		Sc	ore(s)	Area of Need?		
Word Recognition – Phonemic Awareness				Yes	No	
Word Recognition – Phonics				Yes	No	
Language Comprehension – Vocabulary				Yes	No	
Language Comprehension – Reading Comprehension Skills				Yes	No	
Ongoing Data Trac	cking	AY			.~	
Phonemic Awareness	Phonics		Vocabulary	Rea	Reading Comprehension	
Sound Differentiation    Blending    Segmenting    Manipulation	C Open Syl	ables led Syllables lables am Syllables	Categories Synonyms Antonyms Syntax	☐ Direct Recall ☐ Sequence & Main ☐ Connections ☐ Interence & Predic		



#### Group Students for Differentiation





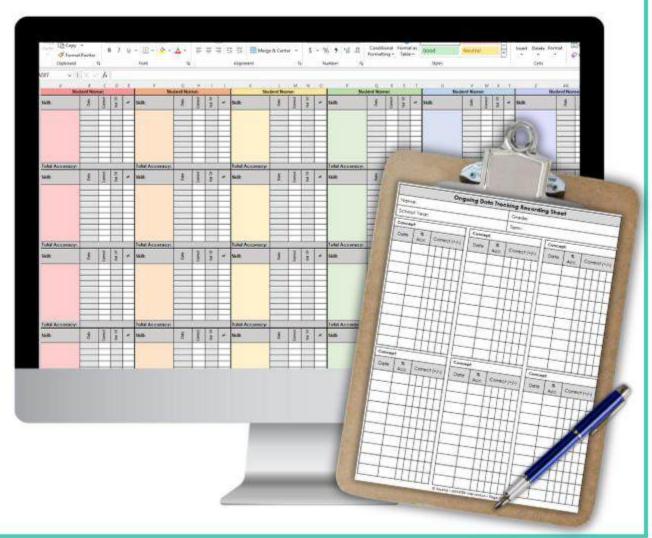


Small Group - St	udent Organizer	
Group C Students Students with Relative Officulty in Language Comprehension Skills (Yocabulary and/or Comprehension Only)	Group A Students  At or Above Oracle Level [No identified Difficulty]	
J. A.		
Group D Students Students with Difficulty in Word Recognition & Comprehension Stills [Difficulty in all Measured Areas of Literacy]	Group B Students  Students with Felative Difficulty in Word Fecogrifion Skills (Phonological Awareness, Phonics, Fuency, and/or Willing Drivy	



### Ongoing Data Tracking & Differentiation

- Based on the literacy needs you will determine specifically which skills are most important to track
- This should be granular enough to be able to provide a +/- scoring (meaning the data should be objective and binary)



# 7

### Ongoing Data Tracking & Differentiation

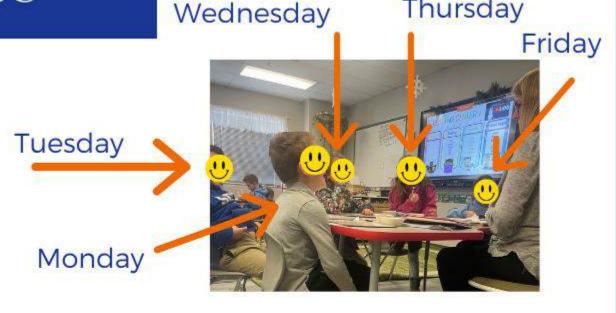
- You can track data in real-time or through graded assignments.
- Use small group time to collect data.
- Use what you have on hand (ex. sticky notes, notebook, scrap piece of paper.

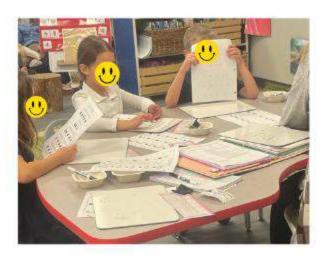


#### **Ongoing Data Tracking &** Differentiation

Option 1: Collect data on one student per group, per day of the week.

Option 2: Provide each student with a trial(s) for each activity.



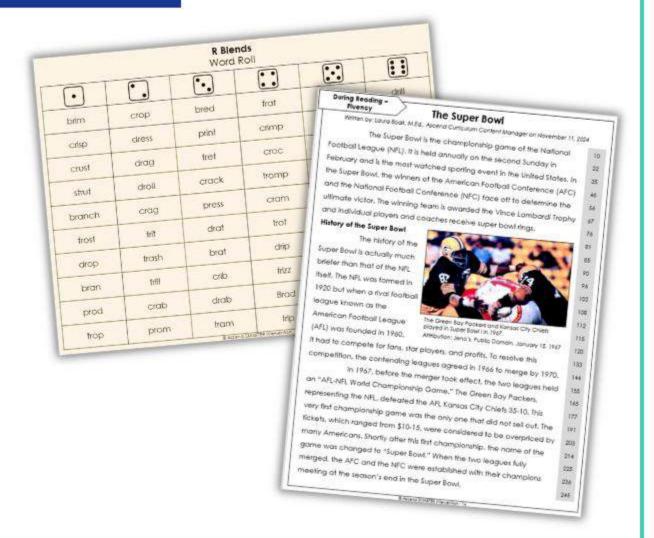


Thursday



### Ongoing Data Tracking & Differentiation

- Be intentional about the activities you use to data track.
- Try using activities that you can use to track multiple skills. (word lists, passages)





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TRAINING OUTLINE

### CASE STUDY EXAMPLE

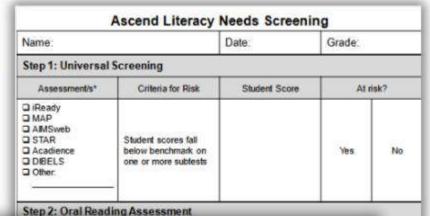
Gemma, 5th Grade (Fall)

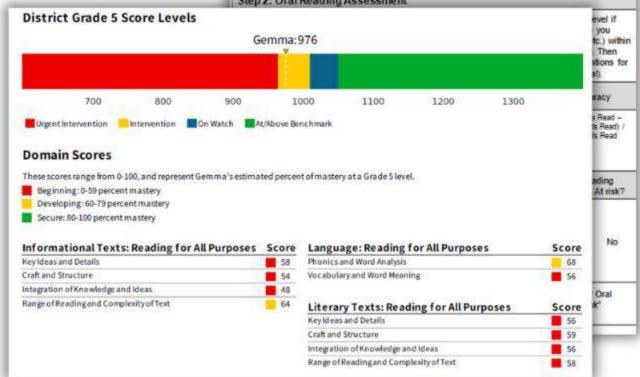


#### **Universal Screening**



The STAR assessment was administered to Gemma to see if she was on grade level. Was she at risk?

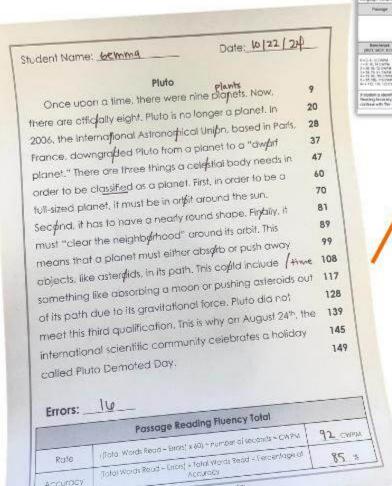




### 2

### Oral Reading Assessment

- Provided her a grade level passage and timed her for one minute to get CWPM and % Accuracy
- One more check to see if she meets the criteria to be considered "on level" for reading.







(States Store))

Ten: Me

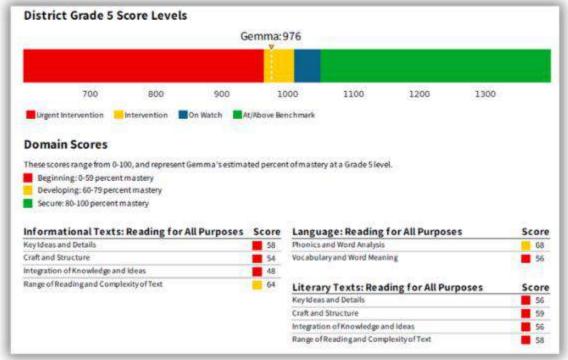


Identified her needs (you could use Universal Screening, Curriculum/Mastery-Based, or Standardized Assessment)





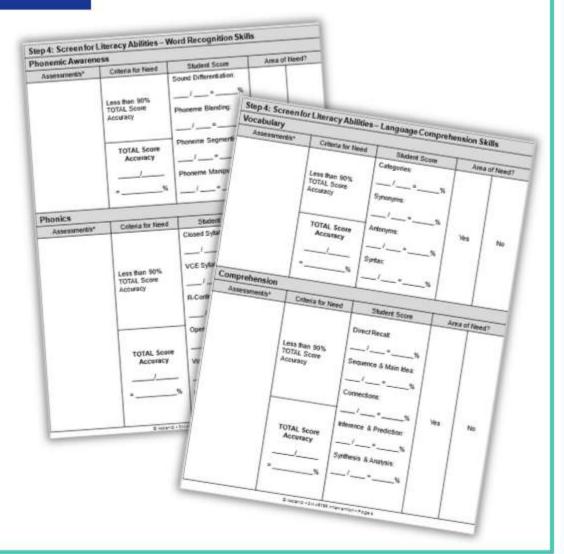


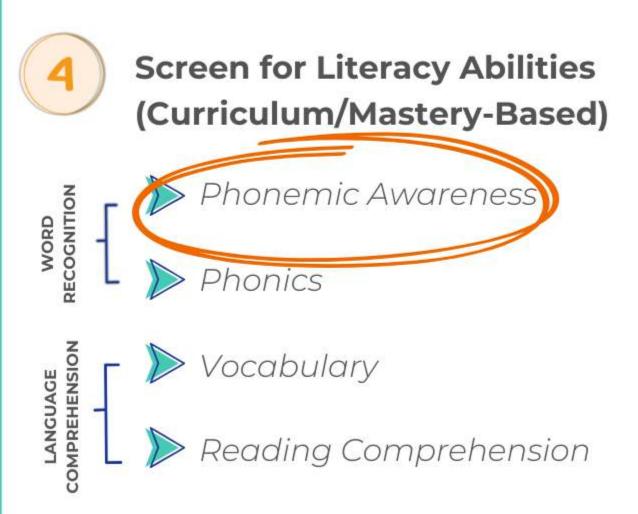




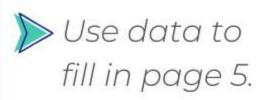
### Screen for Literacy Abilities (Curriculum/Mastery-Based)

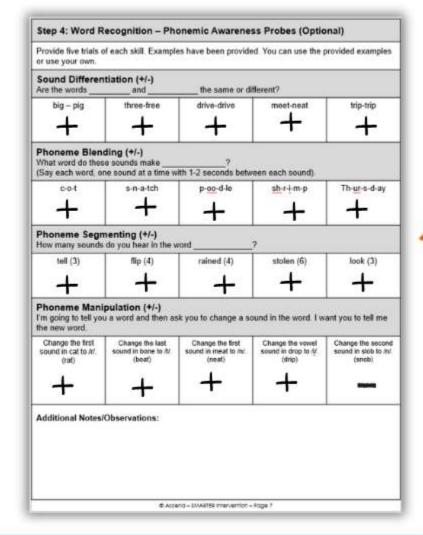


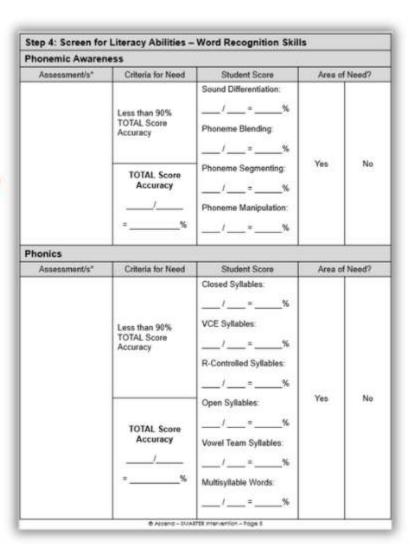




Provide five trials or use your own.	of each skill. Example	es have been provide	ed. You can use the	provided examples
Sound Differen	ntiation (+/-)	the same or di	fferent?	
big – pig	three-free	drive-drive	meet-neat	trip-trip
Phoneme Blen What word do thes (Say each word, o	se sounds make	? vith 1-2 seconds betw	een each sound).	
c-o-t	s-n-a-tch	p-oo-d-le	sh-r-i-m-p	Th-ur-s-d-ay
Phoneme Segr How many sounds	nenting (+/-) do you hear in the v	word	?	
tell (3)	flip (4)	rained (4)	stolen (6)	look (3)
Phoneme Mani I'm going to tell yo the new word.		sk you to change a so	ound in the word. I w	ant you to tell me
Change the first sound in cat to /tr/ (rat)	Change the last sound in bone to N. (boat)	Change the first sound in meat to /in/, (neat)	Change the vowel sound in drop to IV. (drip)	Change the secons sound in slob to in (snob)
Additional Notes	Observations:			
	B Asset	nd - IMARTER Intervention -	2006 7	

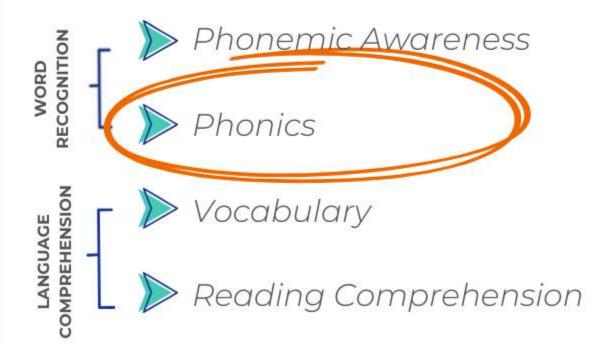








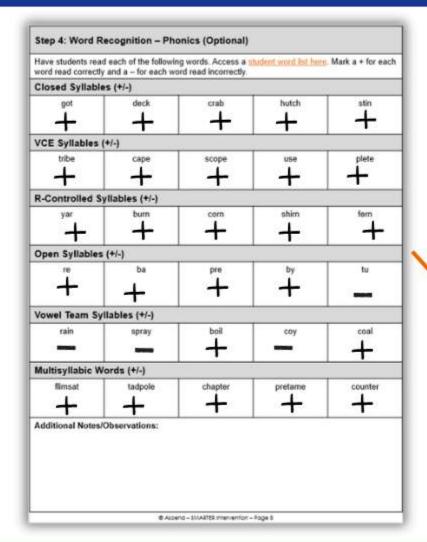
### Screen for Literacy Abilities (Curriculum/Mastery-Based)



word read correctly	and a - for each wo	g words. Access a port read incorrectly.	dudent word list here.	Mark a + for each
Closed Syllable	s (+/-)		v	
got	deck	crab	hutch	stin
VCE Syllables (	+/-)			
tribe	cape	scope	use	plete
R-Controlled Sy	flables (+/-)			
yar	burn	com	shim	fem
Open Syllables	(+/-)			
re	ba	pre	by	tú
Vowel Team Syl	lables (+/-)		-	
rain	spray	boil	coy	coal
Multisyllabic W	ords (+/-)			
filmsat	tadpole	chapter	pretame	counter
Additional Notes/	Observations:			



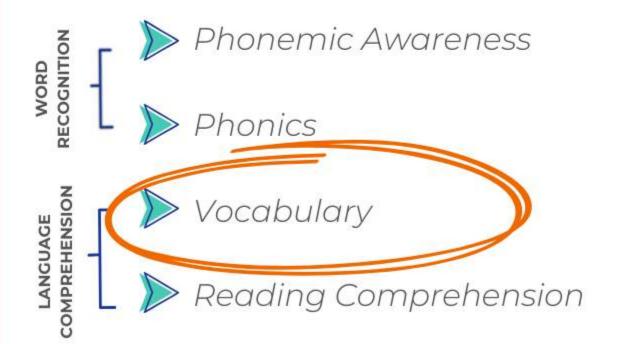
Use data to fill in page 5.



M					
Phonemic Awares Assessment/s*	Criteria for Need	Student Score	*	Need?	
Vodepatititina	Less than 90% TOTAL Score Accuracy	Sound Differentiation:   / =%     Phoneme Blending:   / =%	7468.01	TV000	
	TOTAL Score Accuracy	Phoneme Segmenting:/ =% Phoneme Manipulation:/ =%	Yes	No	
Phonics					
Assessment/s*	Criteria for Need	Student Score Area of N		Need?	
	Less than 90% TOTAL Score Accuracy	Closed Syllables:/ =%  VCE Syllables:/ =%  R-Controlled Syllables:/ =%	Var	Ma	
	TOTAL Score Accuracy	Open Syllables:/=%  Vowel Team Syllables:/=%  Multisyllable Words:/=%	Yes	No	

## 4

### Screen for Literacy Abilities (Curriculum/Mastery-Based)



#### Pluto

Once upon a time, there were nine planets.

Now there are officially eight, Pluto is no longer of

Step 4: Oral Reading Asses	anal Astronomical	
write them in the boxes below. For antonym for the word. Use a + to	ulary words from the Oral Reading Assessment Passage and ir each word, have students provide a category, synonym, and indicate a correct response and a – to indicate an incorrect will receive a */- score for category, synonym, and antenym.	downgraded Pluto anet." There are three
Vocabulary Words	100m St	s in order to be
		order to be a full-
		it around the sun.
Categories (+/-)	arly round shape.	
		phborhood" around its
Synonyms (+/-)	at must either absorb	
		teroids, in its path. This
		absorbing a moon or
Antonyms (+/-)		ath due to its
		not meet this third
subject (who/what), predicate (is/	Reading Assessment Passage and have the student identify the does/did what), and the advertial phrase (when/where/why/how) eive a +/- score if the sentence parts are correctly identified.	ugust 24th, the junity celebrates a
Syntax (+/-)		d Day.
		u buy.
Additional Notes/Observations	6+Fosoge 2.1	

@ Aspend + IV/ARTER transfron + Page 9



Use data to fill in page 6.

write them in the antonym for the	boxes below. For each word. Use a + to indica	words from the Oral Ri h word, have students ; the a correct response ; ceive a +/- score for ca	provide a catego and a – to indica	ry, synonym, and te an incorrect
Vocabulary W	ords			
officially	international	downgraded	absorb	community
Categories (+	(-)			<u> </u>
+	+	-	-	+
Synonyms (+	-)			
	-	-	-	+
Antonyms (+/	-)			
+	+	+	-	-
subject (who/wha	it), predicate (is/does/o	ing Assessment Passa 5d what), and the adve +/- score if the senten	rbial phrase (wh	en/where/why/how
Syntax (+/-)	-			
-	_	+	+	+
Additional Note	s/Observations:			

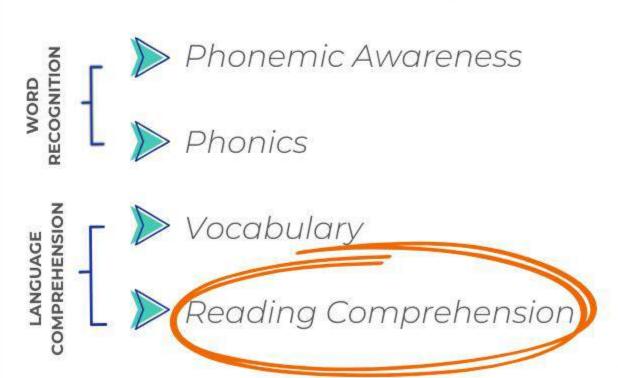
Vocabulary						
Assessment/s*	Criteria for Need	Student Score	Area of	Need?		
	Less than 90% TOTAL Score Accuracy	Categories: / =% Synonyms: / =%	(60 h)			
	TOTAL Score Accuracy	Antonyms:/ % Syntax:/ = %	Yes	No		
Comprehension						
Assessment/s*	Criteria for Need	Student Score	Area of	rea of Need?		
	Less than 90% TOTAL Score Accuracy	Direct Recall:/ =% Sequence & Main Idea:/ =% Connections:/ =%	Yes	No		
	TOTAL Score Accuracy	Inference & Prediction:/ =% Synthesis & Analysis:/ =%	1-0-1-0.0			

#### Pluto

Once upon a time, there were nine planets.



# Screen for Literacy Abilities (Curriculum/Mastery-Based)



#### ight. Pluto is no longer a Step 4: Oral Reading Assessment - Comprehension Questions (Optional) ational Astronomical You will need to ask questions that pertain specifically to the passage, if a specific type of question is not applicable based on the passage, change the question for another relevant question to the passage. For example, if there is no time/when provided in the passage for the direct recall nce, downgraded Pluto prompts, ask another question that can be directly answered from the text. planet." There are three Make sure to change out the words in parentheses or underlined blanks with applicable events or information from the passage eds in order to be Direct Recall in order to be a full-1. Who/what was the passage about? orbit around the sun. 2. What was the primary event/action? 3. When did (event) occur? 4. Where did (event) occur? hearly round shape. 5. Why/how did (event) happen? leighborhood" around its Sequence & Main Idea anet must either absorb 1. Tell me what happened in the passage starting with the beginning. asteroids, in its path. This 2. What was the main idea of the passage? like absorbing a moon or Connections path due to its 1. What connections can you make to the passage based on something from your life, something you've read, or something you've heard about? did not meet this third 2. How does (from the passage (from the passage) compare to or another related topic) n August 24th, the What caused in the passage? mmunity celebrates a Inference & Prediction 1. Based on oted Day. (event from passage) and your own background, what can you quess? 2. Based on (event from passage) and your own background, what can you predict might happen in the future? vertion - Possage 3.1

Synthesis & Analysis

What lesson/important information do you think the author wanted you to take away?

What is one question you have after reading the passage? How did reading the passage make you feel?



Use data to fill in page 6.

St	ep 4: Oral Reading Assessment – Comprehension Questions (Optional)
is r	u will need to ask questions that pertain specifically to the passage, if a specific type of question not applicable based on the passage, change the question for another relevant question to the ssage. For example, if there is no time/when provided in the passage for the direct recall impts, ask another question that can be directly answered from the text.
	ke sure to change out the words in parentheses or underlined blanks with applicable events or ormation from the passage.
Di	rect Recall
3.4	Wholwhat was the passage about?  What was the primary event/action?  When did (event) occur?  Where did (event) occur?  Whylhow did (event) happen?
Se	quence & Main Idea
1.	Tell me what happened in the passage starting with the beginning.   What was the main idea of the passage?
Co	onnections
1.	What connections can you make to the passage based on something from your life, something you've read, or something you've heard about?  How does
-	Ference & Prediction
	Based on(event from passage) and your own background, what can you guess? X
Sy	nthesis & Analysis
2	What lessen/important information do you think the author wanted you to take away? X What is one question you have after reading the passage?  How did reading the passage make you feel? What does the passage add to what you already know (are there similarities/differences)?
_	

Vocabulary		The state of the s			
Assessment/s*	Criteria for Need	Student Score	Area of	Need?	
	Less than 90% TOTAL Score Accuracy	Categories: / =% Synonyms: / =%	6000		
	TOTAL Score Accuracy	Antonyms:/ =% Syntax:/ =%	Yes	No	
Comprehension					
Assessment/s*	Criteria for Need	Student Score	Area of Need?		
	Less than 90% TOTAL Score Accuracy	Direct Recall:/ =% Sequence & Main Idea:/ =% Connections:/ =%	Yes	No	
	TOTAL Score Accuracy	Inference & Prediction:/ =% Synthesis & Analysis:/ =%		349	



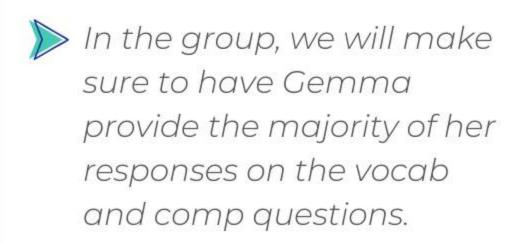
# Summarized her needs & skill targets

- Use this data to establish her goals
- > Use this data to share with others
- Use this data to guide our instruction (and our ongoing data tracking)

Universal Screening	g					
Assessment	5*	Sc	ore(s)	- 1	At risk?	
				Yes	No	
Oral Reading					reter	
Measure		S	icore	4	At risk?	
Rate				Yes	No	
Accuracy				Yes	No	
Identified Areas of	Need				10.	
Concept		Asse	essment	Area	of Need?	
Word Recognition Skills				Yes	No	
Language Comprehens	Language Comprehension Skills			Yes	No	
Skill Targets						
Concept		Sc	ore(s)	Area	of Need?	
Word Recognition – Phonemic Awareness				Yes	No	
Word Recognition – Phonics				Yes	No	
Language Comprehens Vocabulary	ion –			Yes	No	
Language Comprehens Reading Comprehensk				Yes	No	
Ongoing Data Trac	king		- 10			
Phonemic Awareness	Ph	onics	Vocabulary	Re	ading Comprehension	
Sound Differentiation Blending Segmenting Manipulation	☐ Open Syl	ables iled Syllables lables iam Syllables	Categories Synonyms Antonyms Syntax	0	☐ Direct Recall ☐ Sequence & Main Idea ☐ Connections ☐ Inference & Prediction ☐ Synthesis & Analysis	







Small Group - Stu	udent Organizer		
Group C Students Students with Relative Officulty in Language Comprehension Skills (Yocabulary and/or Comprehension Only)	Group A Students At or Above Orade Level (No Identified Difficulty)		
	1		
Group D Students  Students with Difficulty in Word Recognition & Comprehension Mills  [Difficulty in all Measured Assoc of Literacy]	Group B Students  Students with Relative Difficulty in Word Recognition Skills (Phonological Awareness, Phonics, Fuency, and/or Willing Ori		

### Optional Data Entry

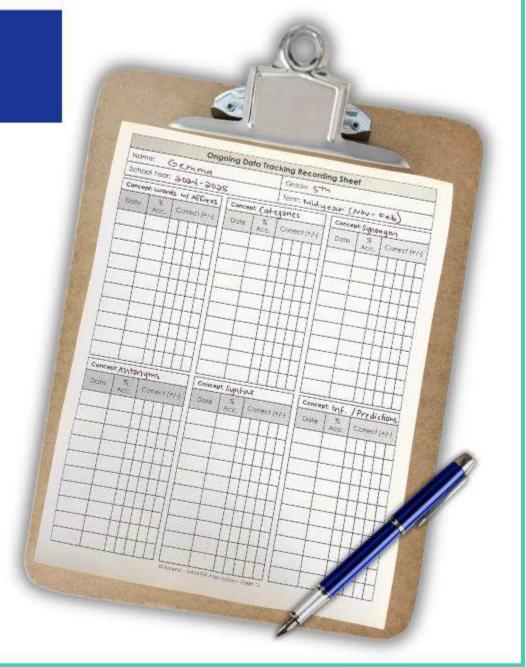
Universal Screening	ng					
Assessment	6"	Sc	ore(s)		At risk?	
				Yes	No	
Oral Reading			#		- 1	
Measure			core		At risk?	
Rate				Yes	No	
Accuracy				Yes		
Identified Areas of	Need		1945 de		·	
Concept		Ass	essment	A	rea of Need?	
Word Recognition Skills				Yes	No	
Language Comprehension Skills				Yes	No	
Skill Targets						
Concept		Sc	ore(s)	А	rea of Need?	
Word Recognition - Phonemic Awareness				Yes	No	
Word Recognition - Phonics				Yes	No	
Language Comprehen: Vocabulary	sion –			Yes	No	
Language Comprehensi Reading Comprehensi				Yes	No	
Ongoing Data Trac	king					
Phonemic Awareness	Pt	sonics	Vocabulary		Reading Comprehension	
Sound Differentiation Gliending Segmenting Manipulation	Open Sy	ables illed Syllables llables sam Syllables	Categories Synonyms Antonyms Syntax		Direct Recall Sequence & Main Idea Connections Inference & Prediction Synthesis & Analysis	



# 7

# Ongoing Data Tracking & Differentiation

- For Gemma, we will choose to track data on vowel teams, categories, synonyms, antonyms, syntax, and inferences & predictions.
- We will track her progress weekly, but you can determine a cadence that works for you.

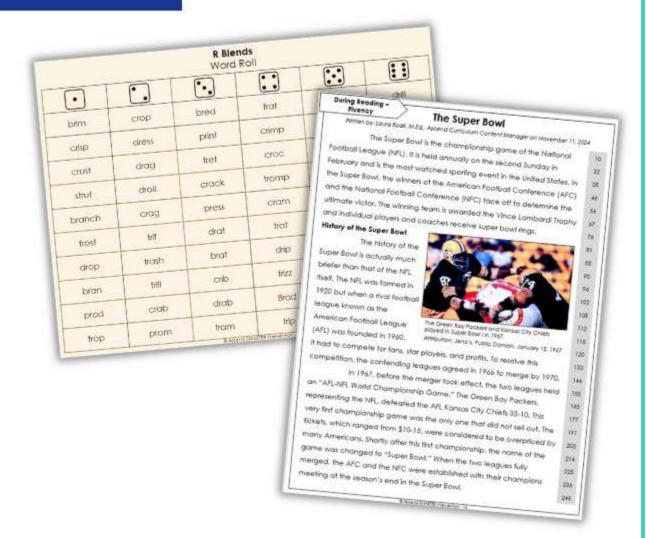




### Ongoing Data Tracking & Differentiation



Differentiation using a passage.



#### Lesson Data Example

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•		•.		<b>::</b>	::
brim	crop	bred	frat	crud	drill
crisp	dress	print	crimp	Fran	cramp
crust	drag	fret	croc	frog	lind
strut	droll	crack	tromp	brisk	fresh
branch	crag	press	cram	drift	prop
frost	frit	draf	trof	fromp	drum
drop	trash	brat	drip	trap	brag
bran	frill	crib	frizz	cross	froth
prod	crab	drab	Brad	tret	draft
trop	prom	tram	trip	prim	track

How many words was she able to produce synonyms for?

Concept: Synonyms							
Date	% Acc.	С	orre	ect	(+/	<b>'-)</b>	
10/27	80%	+	+	IS.	+	+	
11/4	75%	+	+	-	+		
						Ц	
						Ц	
						Ц	
						Ц	

#### Lesson Data Example

35

117

#### Passage Fluency – 4.1 Nonfiction

Title it:

Do you fear snakes? There are studies that suggest that humans are born with the fear of snakes because of our primate past. Snakes were the biggest enemies and the greatest threat to our survival.

Dogs however do not fear snakes. Dogs will go right up to snakes because of their natural curiosity and sense of smell. Dogs need to be trained to stay away from snakes or else their lives could be in danger.

Twitches, sniffs, ears up, paws raised, hair back, stiff tails, and tucked tails are a few signs that a snake may be near your dog. Snakes give off a scent that dogs can pick up on with their keen sense of smell.

Snakes are usually afraid of you and dogs! Most

snakes will stay away from you and your dog unless

someone or something provokes them. Snakes usually

don't like to be around big things that move or make

154

noise, they like to snack on things their own size.

What's another word for fear?

What's another word for natural?

What's another word for usually?

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-		
+		
L		
L		
H	L	
$\vdash$	H	
$\vdash$	$\vdash$	
$\vdash$		
$\vdash$		
		+

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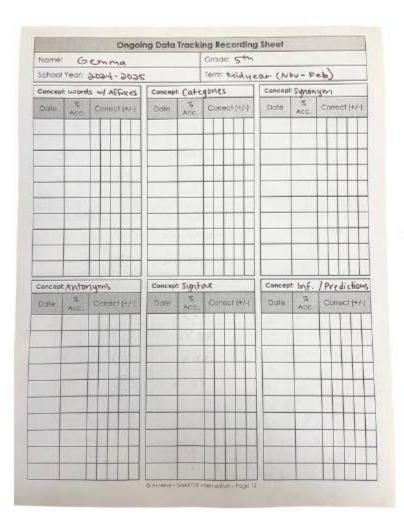
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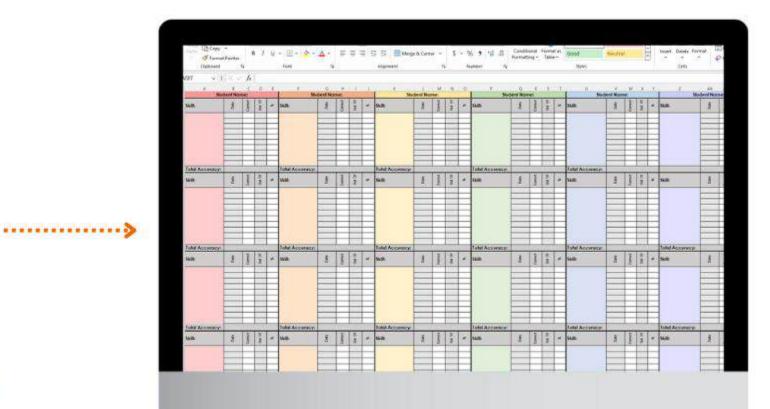
Why might primates have feared snakes?

What do you predict would happen to an animal that didn't fear snakes?

Concept: Inference/Predict							
Date	% Acc.	С	orre	ect	(+/	-)	
10/27	100%	+	+				
11/4	50%	+	_				
			_	_			
	11						
		_				_	

### Optional Data Entry







1

2

3

4

#### WHY

Why do we need to track data?

#### WHAT

What is the step-bystep process for collecting data and using data to differentiate in small groups?

#### HOW

How do I follow these steps?

#### WHAT IF

Q&A

#### TRAINING OUTLINE



# QUESTIONS?

Email: laura@ascendlearningcenter.com

Come say hi at the SMARTER Intervention table in the exhibitor hall!