




# aimswEBPlus Assessment Matrix



aimswEBPlus™ provides more than benchmarking and progress monitoring for PreK-12 foundational reading and math skills. It also offers the capability to screen for dyslexia and some of the underlying factors that can contribute to social and emotional, along with behavioral issues. The flexibility of aimswEBPlus enables your school to quickly identify at-risk students, monitor and report student progress, and predict performance on grade-level expectations — all within one platform!

This guide provides an at-a-glance view of the measures in each of the aimswEBPlus assessment domains: Early Literacy and Reading, Early Numeracy and Math, Spanish Early Literacy and Reading, Spanish Early Numeracy and Math, AIMSweb Classic Measures, and additional screeners.

Measure	Acronym	Purpose	Grade Levels & Periods	Time	Administration Method		
							
The measure name	The measure acronym	The purpose for which each measure is used: benchmarking, progress monitoring, or both	The grade levels and screening periods (fall, winter, spring) when benchmarking measures are available, and the grade levels that monitoring measures are available throughout the year	The average completion time for untimed measures or the time allowed for timed measures	<b>Digital Record Forms (DRF) measure:</b> The measure is administered to students in one-to-one test sessions. Students view printed/digital materials and provide an answer. Examiners mark students' responses on the DRF in their aimswEBPlus account.	<b>TestNav measure:</b> The measure is delivered to students through TestNav, an online test delivery platform. Each student has unique login credentials (username and password) to access assigned measures in the Reading or Math domains. These measures may be group administered.	<b>Paper/Pencil measure:</b> The students write their responses on a printed test form. Examiners hand score the responses and enter the results into the aimswEBPlus system. These measures may be group administered.



## Early Literacy & Reading

Measure	Acronym	Purpose	PreK- Kindergarten (PreK use K forms)			Grade 1			Grades 2-8 (Grades 9-12 use 8th grade forms)			Time	Admin. Method
			Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring		
Print Concepts	PC	Screening	✓									~2-3 min	
Initial Sounds	IS	Both	✓	✓								~2-3 min	
Letter Naming Fluency	LNF	Both	✓*	✓*	✓*							1 min	
Phoneme Segmentation	PS	Both		✓	✓	✓**						~2-3 min	
Letter Word Sounds Fluency	LWSF	Both	✓*	✓*	✓*	✓						1 min	
Word Reading Fluency	WRF	Both			✓***	✓	✓	✓				1 min	
Auditory Vocabulary	AV	Screening	✓	✓	✓	✓	✓	✓				~2-4 min	
Nonsense Word Fluency	NWF	Both		✓	✓	✓	✓	✓				1 min	
Listening Comprehension (PreK-Grade 2 only)	LC	Screening	✓	✓	✓	✓	✓	✓	✓	✓	✓	~10-15 min	
Spelling (PreK-Grade 2 only)	SP	Screening	✓	✓	✓	✓	✓	✓	✓	✓	✓	~5-7 min	

\* Required for composite. \*\*Progress monitored using kindergarten forms. \*\*\*Progress monitored using first grade forms.



## Early Literacy & Reading *(continued)*

Measure	Acronym	Purpose	PreK- Kindergarten (PreK use K forms)			Grade 1			Grades 2-8 (Grades 9-12 use 8th grade forms)			Time	Admin. Method
			Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring		
Oral Reading Fluency	ORF	Screening or Monitoring										1 min per story 2 stories/ screening 1 story/ monitoring	
		Both				✓*	✓*	✓*	✓**	✓**	✓**		
Reading Comprehension	RC	Screening							✓*	✓*	✓*	~15-25 min	
Vocabulary	VO	Screening							✓*	✓*	✓*	~4-7 min	
Silent Reading Fluency <i>(Starts at grade 4)</i>	SRF	Both							✓*	✓*	✓*	~4-6 min	

\* Required for composite. \*\*Required for composite; Grades 2-3 only.



## Early Numeracy & Math

Measure	Acronym	Purpose	PreK- Kindergarten (PreK use K forms)			Grade 1			Grades 2-8 (Grades 9-12 use 8th grade forms)			Time	Admin. Method
			Screening or Monitoring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter		
Number Naming Fluency	NNF	Both	✓*	✓*	✓*							~1 min	
Quantity Total Fluency	QTF	Both	✓*	✓*	✓*							1 min	
Quantity Difference Fluency	QDF	Both		✓	✓							1 min	
Concepts & Applications	CA	Screening	✓*	✓*	✓*	✓*	✓*	✓*				~7-12 min	
Number Comparison Fluency-Pairs	NCF-P	Both				✓*	✓*	✓*				1 min	
Math Facts Fluency-1 Digit	MFF-1D	Both				✓*	✓*	✓*				1 min	
Math Facts Fluency-Tens	MFF-T	Both					✓	✓				1 min	
Concepts & Applications	CA	Screening							✓*	✓*	✓*	~15-25 min	
Number Comparison Fluency-Triads **	NCF-T	Both							✓*	✓*	✓*	3 min	
Mental Computation Fluency **	MCF	Both							✓*	✓*	✓*	4 min	

\* Required for composite \*\*Number Comparison Fluency-Triads and Mental Computation Fluency are taken together to create the Number Sense Fluency score.



## Spanish Early Literacy & Reading

Measure	Acronym	Purpose	PreK- Kindergarten (PreK use K forms)			Grade 1			Grades 2-8 (Grades 9-12 use 8th grade forms)			Time	Admin. Method
			Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring		
Spanish Letter Naming Fluency	SLNF	Both	✓*	✓*	✓*	✓						1 min	
Spanish Letter Sound Fluency	SLSF	Both	✓*	✓*	✓*	✓						1 min	
Spanish Syllable Segmentation <i>(local norms only)</i>	SSS	Both	✓	✓	✓	✓	✓	✓				~3 min	
Spanish Syllable Reading Fluency	SSRF	Both		✓	✓	✓	✓	✓				1 min	
Spanish Oral Reading Fluency	SORF	Both (Grades 1 - 5) Screening (Grades 6 - 8)				✓*	✓*	✓*	✓*	✓*	✓*	1 min per story 2 stories/ screening 1 story/ monitoring	
Spanish Listening Comprehension <i>(PreK-Grade 2 only)</i>	SLC	Screening	✓	✓	✓	✓	✓	✓	✓	✓	✓	~10-15 min	
Classic Spanish Spelling <i>(PreK-Grade 2 only)</i>	CSSP	Screening	✓	✓	✓	✓	✓	✓	✓	✓	✓	~5-7 min	

\* Required for composite






## Spanish Early Numeracy and Math

Measure	Acronym	Purpose	PreK- Kindergarten (PreK use K forms)			Grade 1			Grades 2-8 (Grades 9-12 use 8th grade forms)			Time	Admin. Method
			Screening or Monitoring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter		
Spanish Number Naming Fluency	SNNF	Screening	✓*	✓*	✓*							1 min	
Spanish Quantity Total Fluency	SQFT	Both	✓*	✓*	✓*							1 min	
Spanish Quantity Difference Fluency	SQDF	Both		✓	✓							1 min	
Spanish Concepts & Applications	SCA	Screening	✓*	✓*	✓*	✓*	✓*	✓*				~7-12 min	
Spanish Number Comparison Fluency-Pairs	SNCF-P	Both				✓*	✓*	✓*				1 min	
Spanish Math Facts Fluency-1 Digit	SMFF-1D	Both				✓*	✓*	✓*				1 min	
Spanish Math Facts Fluency-Tens	SMFF-T	Both					✓	✓				1 min	
Spanish Concepts & Applications	SCA	Screening							✓*	✓*	✓*	~15-25 min	
Spanish Number Comparison Fluency-Triads **	SNCF-T	Both							✓*	✓*	✓*	3 min	
Spanish Mental Computation Fluency **	SMCF	Both							✓*	✓*	✓*	4 min	

\* Required for composite \*\*Number Comparison Fluency-Triads and Mental Computation Fluency are taken together to create the Number Sense Fluency score











## AIMSweb® Classic Measures

Measure	Acronym	Purpose	Grades 1-12 (Grades 9-12 use 8th grade forms)			Time	Admin. Method
			Fall	Winter	Spring		
		Screening or Monitoring					
Reading Maze	Maze	Both	✓	✓	✓	3 min	
Written Expression	WE	Both	✓	✓	✓	4 min	
Math Concepts and Applications (Starts at grade 2)	MCAP	Both	✓	✓	✓	Grades 2-6: 8 min Grades 7-8: 10 mi	



## Additional Screeners

Measure	Purpose	Grades/Ages			Time	Admin. Method
		Fall	Winter	Spring		
<b>Literacy</b>						
Shaywitz DyslexiaScreen™	Screening				< 5 min	
Dyslexia Probability Calculator	Screening				N/A	
RAN Objects	Screening				~ 5 min	
RAN Colors and Shapes	Screening				< 10 minutes	
WriteToLearn®	Formative writing measure and intervention tool				Varies dependent on prompt and purpose	
<b>Behavior and Social-emotional Learning</b>						
BASC™-3 BESS Student Form	Screening				< 5 min	
BASC-3 BESS Teacher Form	Screening				< 5 min	
SSIS™ SEL	Both				< 5 min	

Contact the aimswebPlus team with any questions at **866-313-6194** or **aimswsupport@pearson.com**.

866-313-6194 | PearsonAssessments.com