



aimswebPlus and WI Act 20 Assessment Matrix

This guide provides an at-a-glance view of the aimswebPlus measures required by WI DPI to comply with Act 20. The following is a key for the WI Act 20 Assessment Matrix.

Learn more at PearsonAssessments.com/awpWI.com

WI Act 20 fundamental skills	aimswebPlus Measure name	Grade levels & periods	Time	Administration method	
				Digital record form (DRF)	TestNav
The early literacy or reading skill required by Act 20 for screening.	The measure or assessment name and acronym	The grade/age levels and screening periods (fall, mid-year, 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	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.	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.

Required screening measures for each grade and testing window

F = Fall M= Mid-year S = Spring

		4K		5K			Grade 1			Grades 2			Grades 3				
WI Act 20 fundamental skills	aimswebPlus Measure name	F	S	F	M	S	F	M	S	F	M	S	F	M	S	Admin. time	Admin. method
Phonemic Awareness (PA)	Initial Sounds (IS)	✓	✓	✓												~2–3 min	DRF
	Phoneme Segmentation (PS)				✓	✓	✓									~2–3 min	DRF
Letter Sound Knowledge (LSK)	Letter Word Sounds Fluency (LWSF)		✓	✓	✓	✓	✓									1 min	DRF
Alphabet Knowledge (AK)	Letter Naming Fluency (LNF)			✓	✓	✓	✓									1 min	DRF
Oral Vocabulary (OV)	Auditory Vocabulary (AV)			✓	✓	✓	✓	✓	✓							~2–4 min	DRF
	Vocabulary (VO)									✓	✓	✓	✓	✓	✓	~3–15 min	Test Nav
Decoding Skills (DS)	Letter Word Sounds Fluency (LWSF)			✓	✓	✓										1 min	DRF
	Nonsense Word Fluency (NWF)				✓	✓	✓	✓	✓							1 min	DRF
	Word Reading Fluency (WRF)						✓	✓	✓							1 min	DRF
	Oral Reading Fluency (ORF)						✓	✓	✓	✓	✓	✓	✓	✓	✓	2 min	DRF

Note: The measures listed in this table include only the measures required to support the WI Act 20 screening. For a full view of all measure options, please see the [aimswebPlus Assessment Matrix](#).

✓ Required for Act 20.

4K (Pre-K)

		4K							
WI Act 20 fundamental skills	aimswebPlus Measure name	Fall		Mid-year		Spring		Admin. time	Admin. method
		Cut Score	Note	Cut Score	Note	Cut Score	Note		
Phonemic Awareness (PA)	Initial Sounds (IS)	<1				<5		~2–3 min	DRF
Letter Sound Knowledge (LSK)	Letter Word Sounds Fluency (LWSF)		LWSF is not an appropriate screening assessment for 4K students at the beginning of the school year. A 2022 research analysis with Pre-K students showed more than 50% of Pre-K students cannot provide any letter sounds in Fall.			<2		1 min	DRF
Note: All 4K required measures are administered by an examiner with an individual student using a Digital Record Form (DRF) to record responses. Students with scores below the cut score performed below the 25th Percentile.									

Reporting Criteria:

Diagnostic assessment and personal reading plans are not required in 4K. Schools/districts must report the number of students who scored below the 25th percentile on both required subtests (Initial Sounds and Letter Word Sounds Fluency) in Spring.

5K (Kindergarten)

		5K							
WI Act 20 fundamental skills	aimswebPlus Measure name	Fall		Mid-year		Spring		Admin. time	Admin. method
		Cut Score	Note	Cut Score	Note	Cut Score	Note		
Phonemic Awareness (PA)	Initial Sounds (IS)	<3						~2-3 min	DRF
	Phoneme Segmentation (PS)			<21		<42		~2-3 min	DRF
Letter Sound Knowledge (LSK)	Letter Word Sounds Fluency (LWSF)	<1		<18		<31		1 min	DRF
Alphabet Knowledge (AK)	Letter Naming Fluency (LNF)	<6		<26		<36		1 min	DRF
Oral Vocabulary (OV)	Auditory Vocabulary (AV)	<18		<20		<23		~2-4 min	DRF
Decoding Skills (DS)	Nonsense Word Fluency (NWF)			<12		<22		1min	DRF
	Letter Word Sounds Fluency (LWSF)	<1		<18		<31		1 min	DRF
Note: All 5K required measures are administered by an examiner with an individual student using a Digital Record Form (DRF) to record responses. Students with scores below the cut score performed below the 25th Percentile.									

Reporting Criteria:

Kindergarten students will be identified as “at risk” and require follow-up diagnostic assessment if their aimswebPlus Early Literacy Composite score is below the 25th percentile during any of the testing windows. The Kindergarten Early Literacy composite score combines performance on Letter Naming Fluency (LNF) and Letter Word Sounds Fluency.

Kindergarten students with composite scores in Fall <7, in Winter (Mid-year) <44, and Spring <68 are performing below the 25th percentile.

Grade 1

		Grade 1							
WI Act 20 fundamental skills	aimswebPlus Measure name	Fall		Mid-year		Spring		Admin. time	Admin. method
		Cut Score	Note	Cut Score	Note	Cut Score	Note		
Phonemic Awareness (PA)	Phoneme Segmentation (PS)	<34			PS is a precursor skill, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Phonemic Awareness.		PS is a precursor skill, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Phonemic Awareness.	~2–3 min	DRF
Letter Sound Knowledge (LSK)	Letter Word Sounds Fluency (LWSF)	<34			LWSF is a precursor skill, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Letter Sound Knowledge.		LWSF is a precursor skill, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Letter Sound Knowledge.	1 min	DRF
Alphabet Knowledge (AK)	Letter Naming Fluency (LNF)	<26			LNF is a precursor skill, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes alphabet knowledge.		LNF is a precursor skill, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes alphabet knowledge.	1 min	DRF
Oral Vocabulary (OV)	Auditory Vocabulary (AV)	<22		<22		<24		~2–4 min	DRF
Decoding Skills (DS)	Word Reading Fluency (WRF)	<5		<12		<21		1min	DRF
	Nonsense Word Fluency (NWF)	<14		<25		<39		1min	DRF
	Oral Reading Fluency (ORF)	<5		<18		<26		1 min	DRF
Note: All Grade 1 required measures are administered by an examiner with an individual student using a Digital Record Form (DRF) to record responses. Students with scores below the cut score performed below the 25th Percentile.									

Reporting Criteria:

Grade 1 students will be identified as “at risk” and require follow-up diagnostic assessment if their aimswebPlus Early Literacy Composite score is below the 25th percentile during any of the testing windows. The Grade 1 Early Literacy score combines performance on Word Reading Fluency (WRF), Nonsense Word Fluency (NWF), and Oral Reading Fluency (ORF).

Grade 1 students with composite scores in Fall <26, in Winter (Mid-year) <62, and Spring <90 are performing below the 25th percentile.

Grade 2

		Grade 2							
WI Act 20 fundamental skills	aimswebPlus Measure name	Fall		Mid-year		Spring		Admin. time	Admin. method
		Cut Score	Note	Cut Score	Note	Cut Score	Note		
Phonemic Awareness (PA)	Phoneme Segmentation (PS)		PS is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Phonemic Awareness.		PS is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Phonemic Awareness.		PS is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Phonemic Awareness.	~2–3 min	DRF
Letter Sound Knowledge LSK)	Letter Word Sounds Fluency (LWSF)		LWSF is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Letter Sound Knowledge.		LWSF is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Letter Sound Knowledge.		LWSF is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Letter Sound Knowledge.	1 min	DRF
Alphabet Knowledge (AK)	Letter Naming Fluency (LNF)		LNF is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes alphabet knowledge.		LNF is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes alphabet knowledge.		LNF is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes alphabet knowledge.	1 min	DRF
Oral Vocabulary (OV)	Vocabulary (VO)	<127	Text-based vocabulary measure to assess on-grade-level vocab knowledge	<142	Text-based vocabulary measure to assess on-grade-level vocab knowledge	<149	Text-based vocabulary measure to assess on-grade-level vocab knowledge	4–15 min	Test Nav
Decoding Skills (DS)	Oral Reading Fluency (ORF)	<23		<45		<60		1 min	DRF
Note: The ORF measure is administered by an examiner with an individual student using a Digital Record Form (DRF) to record responses. The Vocabulary measure is administered on a computer via the TestNav application. Cut scores are provided for all required assessments indicating that students with scores below the cut score performed below the 25th Percentile.									

Reporting Criteria:

Grade 2 students will be identified as “at risk” and require follow-up diagnostic assessment if their aimswebPlus Oral Reading Fluency score is below the 25th percentile during any of the testing windows.

Grade 3

		Grade 3							
WI Act 20 fundamental skills	aimswebPlus Measure name	Fall		Mid-year		Spring		Admin. time	Admin. method
		Cut Score	Note	Cut Score	Note	Cut Score	Note		
Phonemic Awareness (PA)	Phoneme Segmentation (PS)		PS is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Phonemic Awareness.		PS is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Phonemic Awareness.		PS is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Phonemic Awareness.	~2–3 min	DRF
Letter Sound Knowledge (LSK)	Letter Word Sounds Fluency (LWSF)		LWSF is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Letter Sound Knowledge.		LWSF is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Letter Sound Knowledge.		LWSF is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes Letter Sound Knowledge.	1 min	DRF
Alphabet Knowledge (AK)	Letter Naming Fluency (LNF)		LNF is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes alphabet knowledge.		LNF is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes alphabet knowledge.		LNF is a precursor skill to ORF, Learners scoring below the 25th percentile, will be given a diagnostic assessment which includes alphabet knowledge.	1 min	DRF
Oral Vocabulary (OV)	Vocabulary (VO)	<154	Text-based vocabulary measure to assess on-grade-level vocab knowledge	<162	Text-based vocabulary measure to assess on-grade-level vocab knowledge	<162	Text-based vocabulary measure to assess on-grade-level vocab knowledge	4–15 min	Test Nav
Decoding Skills (DS)	Oral Reading Fluency (ORF)	<45		<68		<80		1 min	DRF
Note: The ORF measure is administered by an examiner with an individual student using a Digital Record Form (DRF) to record responses. The Vocabulary measure is administered on a computer via the TestNav application. Cut scores are provided for all required assessments indicating that students with scores below the cut score performed below the 25th Percentile.									

Reporting Criteria:

Grade 3 students will be identified as “at risk” and require follow-up diagnostic assessment if their aimswebPlus Oral Reading Fluency score is below the 25th percentile during any of the testing windows.

Oral Reading Fluency Scores in Grades 1–3

	1st Grade			2nd Grade			3rd Grade		
Percentiles	Fall	Mid-year	Spring	Fall	Mid-year	Spring	Fall	Mid-year	Spring
75th	31	65	81	84	106	126	107	123	132
50th	13*	35	56	59	78	96	81	99	110*
25th	5	18*	26	23	45	61	46	69	81
Note: Oral Reading Fluency scores represent a student’s reading rate calculated as the average words read correctly per minute. In norming results, sometimes certain percentiles do not have an exact score, so some scores presented* are associated with the closest percentile to the 25th, 50th, or 75th percentile.									