

DK Benchmark Assessments

Jane Sturgell, Special Education Supervisor

September 26, 2018

Overview of aimsweb Plus

- <http://www.aimswebplus.com>
- Customer ID: 4982
- User Name: JaneSturgell
 - **Requires Fraser email to set up**
- Password: Auto-generated
- Password needs to be reset every 90 days
- If you get locked out of your account, please put the request in the Help Desk

DK

- **Fall Literacy**
 - PEARL (administered by SLP within first 2 weeks of school)
 - aimsweb Plus Letter Naming Fluency (student says the names of visually presented letters for one minute, 1:1 with examiner using a digital record form)
 - aimsweb Plus Letter Word Sound Fluency (student says sounds of letter, syllables and words for one minute, 1:1 with an examiner using a digital record form)
- **Fall Numeracy**
 - aimsweb Plus Number Naming Fluency (student verbally names numbers up to 20 for one minute, 1:1 with examiner using a digital record form)
 - aimsweb Plus Quantity Total Fluency (student states total number of dots within each box or pairs of boxes for one minute, 1:1 with examiner using a digital record form)
 - aimsweb Plus Concepts & Applications SBA (student mentally solves various types of math problems, 1:1 with examiner using a digital record form – untimed 5-10 minutes)

Overview of the Measures

- “How Can We Help”
- Measures
- Videos
- How To's



Letter Naming Fluency

- Student names upper & lower-case letters for one minute (100 possible)
- Wait rule: 3-5 seconds
- Discontinue rule: If student incorrectly Names 10 consecutively letters w/o SC, Click the pause icon and select “Discontinue Form” from pop-up menu

u	D	P	S	R	A	X	y	I	n
C	V	g	W	A	G	J	z	c	E
r	W	Z	F	M	c	L	t	u	f
g	c	T	Y	U	b	d	p	S	o
c	G	S	U	J	d	a	T	K	m
R	T	G	I	k	S	q	n	u	A
R	k	L	K	s	j	f	E	h	q
K	h	b	U	T	I	D	s	I	a
N	K	k	v	L	z	a	u	A	F
L	v	o	T	L	L	M	D	W	

Letter Naming Fluency

- Letter names are incorrect if:
 - A letter sound is made rather than saying the name (after giving corrective feedback once)
 - A letter is skipped
 - Another letter name is given
 - The student self-corrects after 3 seconds have elapsed, or
 - No letter name is given within 3 seconds
- Do not penalize for:
 - Self-corrections within 3 seconds
 - A response of either i or L for a lower-case L
 - Regional dialects, or
 - Articulation difficulties
- Note: if the student finishes in less than 1 minute, click the pause button and select “Score Completed Form” from the pop-up menu

Letter-Word Sound Fluency

m	t	z	m	d
s	b	f	v	p
p	h	n	k	w

d	c	b	w	t
og	ap	us	ig	en
dog	cap	bus	wig	ten

Letter-Word Sound Fluency

- Part 1: Student sees rows of boxes containing 3 letters, and makes each letter sound
- Part 2: Student sees boxes that contain a consonant, a vowel-consonant and a CVC word, and makes the corresponding sounds
- Maximum score is 75 points
- Student says as many sounds as possible in 1 minute
- Place pages in front of student in order and so that only the first page is visible
- Wait rule: 3-5 seconds before saying the answer and marking it incorrect; on a syllable or word, allow 10 seconds for the student to sound out or subvocalize before saying the answer and marking it incorrect
- Discontinue rule: Student produces sounds for 10 consecutive letters w/o SC, click pause and select “Discontinue Form” from the pop-up menu
- Note: if the student finishes in less than 1 minute, click the pause button and select “Score Completed Form” from the pop-up menu

Letter-Word Sound Fluency

- Student must provide the most common sound of the letter (if the student says a less common sound, score it as an error)
- Vowels should be the short-vowel sound
- **SEE: Common Sounds Pronunciation Guide (Table A1 Appendix A)**

Letter-Word Sound Fluency

Letter	Example	Letter	Example
a	<i>bat</i>	K	<i>kit</i>
e	<i>bet</i>	L	<i>lot</i>
i	<i>bit</i>	M	<i>man</i>
o	<i>top</i>	N	<i>not</i>
u	<i>hut</i>	P	<i>pan</i>
b	<i>bat</i>	R	<i>ran</i> (initial position only)
c	<i>/k/</i> as in <i>bic</i>	S	<i>sat</i>
d	<i>dad</i>	T	<i>top</i>
f	<i>fan</i>	V	<i>van</i>
g	<i>pig</i> (final position only)	W	<i>wet</i> (initial position only)
h	<i>hat</i> (initial position only)	Y	<i>yak</i> (initial position only)
j	<i>jet</i>	Z	<i>zipper</i>

Letter-Word Sound Fluency

- Sounds / words are incorrect if:
 - A letter is named (after giving corrective feedback once)
 - The whole CVC word is said rather than making the word-part sound
 - A sound or sounds are omitted
 - Other sounds / words are substituted
 - The student SC after 3 seconds have elapsed, or
 - No sound is made within 3 seconds
- Do not penalize for:
 - SC within 3 seconds
 - Regional dialects, or
 - Articulation difficulties

Number Naming Fluency

- Number Naming Fluency Practice Page : 2 practice items
- Rows of numbers (0-20)
- Student reads across rows for one minute (80 numbers possible)

What number is this?

If correct, say: **That's right! This number is 3.**

If incorrect, say: **This number is 3. (Pause.) What number is this? (Wait for student to repeat correct answer.)**

Point to the 6 and say:

- Note: if the student finishes in less than 1 minute, click the pause button and select “Score Completed Form” from the pop-up menu
- Discontinue rule: If the student is unable to correctly name the first 5 numbers discontinue (click “pause” and select “Discontinue Form” from the pop-up menu)

Quantity Total Fluency

- Student sees rows of boxes with blue dots on each test page and states the total number of dots in each box or pair of boxes
- 2 practice items
- Student reads across rows (38 items possible)
- Note: if the student finishes in less than 1 minute, click the pause button and select “Score Completed Form” from the pop-up menu
- Discontinue rule: If the student is unable to correctly answer the first 5 items discontinue (click “pause” and select “Discontinue Form” from the pop-up menu)

Look at this box. How many dots are in the box?

If correct (3), say: That's right! There are three dots in the box.

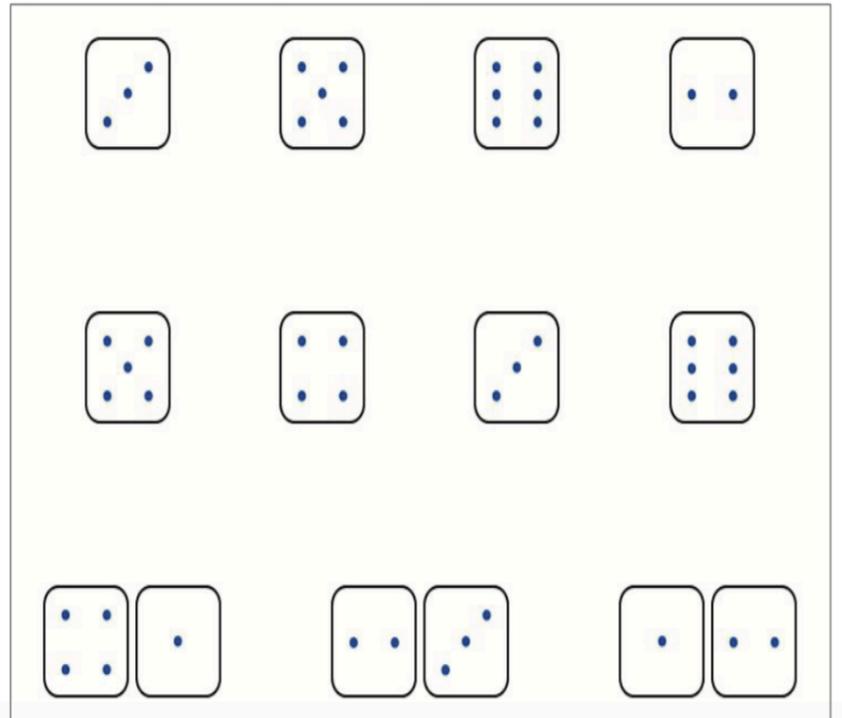
If incorrect, say: There are three dots in the box.

Point to the pair of boxes and say:

Now there are two boxes. How many dots are there in all?

If correct (2), say: That's right! There are two dots in all.

If incorrect, say: There are two dots in all.



C&A

■ K-1

- Student solves math words problems (untimed)
- Note: Some C&A items have two-part questions; students must correctly answer BOTH parts to receive credit
- Discontinue rule: If the student is unable to correctly name the first 5 items discontinue (click “pause” and select “Discontinue Form” from the pop-up menu)
- 25 items total

C&A (K/1)

Figure 1 Concepts & Applications DRF Screen

The screenshot displays the interface of the aimsweb PLUS software. At the top, a dark grey header bar contains the 'aimsweb PLUS' logo on the left, the user name 'Sammy Jones' in the center, and the course information 'CA, Grade K, Form 1, Fall '17' on the right. To the far right of the header are icons for a mobile device and a square button. Below the header is a list of two math problems, each with a numbered column on the left, a question column, and a feedback column on the right. The first problem is numbered '1' and asks the user to count circles. The second problem is numbered '2' and asks which tree is the tallest. Each problem's feedback column contains a green checkmark icon and a grey 'X' icon.

Item Number	Question	Feedback
1	Point to each circle and count out loud how many circles in all.	Counts aloud from 1 to 6, pointing to a different circle for each number <input checked="" type="checkbox"/> <input type="checkbox"/>
2	Which tree is the tallest?	B (states or points to correct option) <input checked="" type="checkbox"/> <input type="checkbox"/>

Appendix

- Appendix B – Qualitative Features Checklist
- Appendix C – Timing Guidelines & Discontinue Rules

Letter Naming Fluency (LNF)	~3–5 seconds	Student incorrectly names 10 consecutive letters, without self-correcting.
Initial Sounds (IS)	~3–5 seconds	Not applicable. Student attempts all 12 items.
Auditory Vocabulary (AV)	~10 seconds	Student incorrectly identifies the first 5 vocabulary words.
Letter Word Sounds Fluency (LWSF)	~3–5 seconds ~10 seconds if student is sounding out or subvocalizing	Student incorrectly produces sounds for 10 consecutive letters, without self-correcting.
Phoneme Segmentation (PS)	~3–5 seconds	Student produces zero correct segment sounds for 5 consecutive words.
Word Reading Fluency (WRF)	~3–5 seconds ~10 seconds if student is sounding out or subvocalizing	Student incorrectly pronounces 10 consecutive words, without self-correcting.

Appendix A

Table A1 Item Timing Guidelines and Measure Discontinue Rules

Measure	When to move on*	When to discontinue
Number Naming Fluency (NNF)	~3–5 seconds	Student incorrectly names the first 5 numbers.
Quantity Total Fluency (QTF)	~3–5 seconds	Student incorrectly answers the first 5 items.
Quantity Difference Fluency (QDF)	~7–10 seconds	Student incorrectly answers the first 5 items.
Concepts & Applications (CA)	When stuck, say: Give your best guess.	Student incorrectly answers the first 5 items.
Number Comparison Fluency–Pairs (NCF–P)	~3–5 seconds	Student incorrectly answers the first 5 items.
Math Facts Fluency–1 Digit (MFF–1D)	~3–5 seconds	Student incorrectly answers the first 5 items.
Math Facts Fluency–Tens (MFF–T)	~7–10 seconds	Student incorrectly answers the first 4 items.

*Note: The times listed are general guidelines. As noted in the Test Accommodations section of this guide, examiners are given flexibility in

