

Performance Standards (or fluency aims) Last Updated in 2002

READING

See-Say letter sounds	120 - 100 sounds-minute
See-Say letter names (random order)	150 – 130 sounds-minute
See-Say blends of words	120 - 80 blends-minute
Free-Say alphabet (A - Z; Z- A)	500 - 400 letters-minute
Free-Say letters (random order)	400+ letters-minute
See-say sight words	120 - 80 words-minute
See-say words in isolated phrases or sentences-	250- 200 words-minute
See-say prose words in context (oral reading)-	250- 200 words-minute
Free-say prose words in context (silent reading)-	900 - 350 words-minute
Free-say summarization in students own words	30 - 20 facts-minute
Free-say asking questions (about material read)	20 - 10 questions-minute
Free-say facts about events-objects- ideas	30 - 15 facts-minute
Free-say ideas in a sequence	40 - 30 facts-minute
Free-say nouns (general)	40+ facts-minute
Free-say nouns in the room	50+ facts-minute

Phonemic awareness pinpoints.

Hear-say-do segmenting sentences into words	40 – 20 words-minute
Hear-say-do segmenting sentences into words and answering questions	40 – 20 words-minute
Hear-say-do segmenting sentences into words and pointing to a word in a sentence	40 – 20 words-minute
Hear-say-mark segmenting sentences into words and drawing lines for each word	40 – 20 words-minute
Hear-say-do segmenting words into syllables	50 – 30 syllables-minute
Hear-say-do segmenting words into syllables and answering questions	50 – 30 syllables-minute
Hear-say-do segmenting words into syllables and pointing to a syllable given	50 – 30 syllables-minute
Hear-say-mark lines for each syllable in a word and spell the syllable orally	50 – 30 syllables-minute
Hear-say-write (draw) lines for each syllable in a word and write the syllable	50 – 30 syllables-minute
Hear-say-do segmenting words into sounds	60 – 40 sounds-minute
Hear-say-do segmenting words into sounds and answering questions	60 – 40 sounds -minute
Hear-say-do segmenting words into sounds and pointing to a sound given	60 – 40 sounds -minute
Hear-say-mark segmenting words into sounds by making lines	60 – 40 sounds -minute

Hear-say (blending) a word for syllables given	15 – 10 words-minute
Hear-say-do (blending) sounds into a word (touch or pick up object)	15 – 10 words-minute
Hear-say (blending) sounds into a word	15 – 10 words-minute

MATH

See-write numbers (random)	150 - 100 digits-minute
Free-write numbers (0-9 serial)	160 – 120 digits-minute
See-say numbers (random)	100 - 60 numbers -minute
Free-say numbers in a sequence (count by)	200+ - 150 numbers-minute
Hear-write numbers (random)	170 –100
See-write math facts (simple addition, multiplication,)	120 - 80 digits-minute
See-write math facts (simple, subtraction, division)	90 - 60 digits-minute
See-write math facts (mixed addition, subtraction, multiplication, division)	35- 55 digits-minute
See-Write or See-Say correct symbol in problems	120 - 80 digits-minute

SPELLING

Hear-write (dictated) lower or upper case letters	80 - 60 letters-minute
Hear-write dictated words	100- 80 letters-minute
Hear-write dictated words	25 - 15 words-minute

HANDWRITING

Dot to dot marks	50 to 30 marks-minute
Tracing digits	50 to 30 digits-minute
Copying digits	80 to 50 digits-minute
Free-write marks	
	300 – 200 Tallies (count by 5's)-minute
	150 – 120 Long loops - minute
	150 – 120 Short loops - minute
	150 – 120 up loop, down loop-minute
	120 – 100 circles-minute
	300+ Connected up down lines-minute
	300+ Connect, overlapping circles-minute

	150 – 120 “c’s”-minute
Free-write lower case (cursive or manuscript) letters	90+ letters-minute
Free-write upper case (cursive or manuscript) letters	80 - 60 letters-minute
Free-write connected alphabet (cursive)	150+ letters-minute
Hear-write (dictated) lower or upper case letters	80 - 60 letters-minute
Free-write words in a sentence	20 -15 words-minute
See-write words (copy) from a book or blackboard	20 - 15 words-minute
 BIG 5 and 4 (FINE MOTOR CONTROL)	
Free-wave	300 – 200 movements-minute
Free-aim	300 – 200 movements-minute
Free-tap	300 – 200 movements-minute
Free-Squeeze	300 – 200 movements-minute
Free-get	300 – 200 movements-minute
Free-pump	300 – 200 movements-minute
Free-shake	300 – 200 movements-minute
Free-rub	300 – 200 movements-minute
Free-twist	300 – 200 movements-minute
 SPEECH-LANGUAGE	
<u>Oral</u>	
Free-open – close lips	294 – 166 movements-minute
Free-bilateral smile – retract	136 – 78 movements-minute
Free-pucker lips	136 – 90 movements-minute
Free-open – close mouth	142 – 74 movements-minute
 <u>Tongue</u>	
Free-alveolar ridge with tongue tip	208 – 116 movements-minute
Free-stick out tongue	160 – 106 movements-minute
Free-lateralize tongue left and right	176 – 90 movements-minute
Free-sweep tongue	108 – 58 movements-minute
 CLASSIFICATION	
Free-write or Free-say things that are living	15 – 10 things-minute
Free-write or Free-say words that begin with the letter “c”	10 words-minute
Free-write or Free-say read things	10 things-minute
Free-write or Free-say animals with fur	5 animals -minute

Free-write or Free-say good smells	10 good smells-minute
Free-write or Free-say sharp things	10 things-minute
Free-write or Free-say old things	10 things-minute
Free-write or Free-say Christmas things	15 things-minute
Free-write or Free-say different noises	15 noises-minute

ARRANGING

Free-write or Free-say words in alphabetical order	200 - 100 words-minute
Free-write or Free-say words in alphabetical order	100 words-minute
Free-do (move) objects, shapes, colors, sizes, and mixed combinations in order	20 movements-minute
Free-do (move) shortest – tallest; light – heavy; biggest – smallest; duller – brighter; oldest – youngest; dirtiest – cleanest; warmest – coldest; etc.	20 movements-minute
Free-draw groups using symbols (varies per minute depending on drawn item)	50 –25 drawings-minute
Free-draw 12 brown tents in groups of 4	
Free-draw 9 trees in groups of 3	
Free-draw 15 red balls tents in groups of 5	
Free-draw 20 black cats in groups of 10	
Free-draw 16 orange flowers in groups of 8	

MATCHING

Free-write or free-say words that mean opposites	20 opposite words-minute
Free-write or free-say words that mean the same	20 same words-minute
Free-write or free-say words that sound the same	5 same sounding words-minute
Free-write or free-say animal and its sound	20 animal and sound-minute
Free-write or free-say animal and its product (e.g., cow-milk)	20 animal-products-minute
Free-write or free-say countries and their capitals	30 countries-capitals-minute
Free-write or free-say inventions and their inventors	10 inventions-inventors-minute
Free-write or free-say cause and effects	10 cause-effects-minute
Free-write or free-say numbers and their written expression	50 numbers-written expression-minute
Free-write or free-say instruments and their sounds	20 instruments-sounds-minute

PUTTING TOGETHER AND TAKING APART

Write or say parts of a car (e.g., house, plant, etc)	15 parts-minute
Put together parts of a puzzle	15-30 parts-minute
Write or say facts that add us to 50	20-50 facts-minute
Write or say subtraction facts having a difference of 5	20-50 facts-minute
Write or say division facts having a quotient of 2	20-50 facts-minute
Write or say multiplication having a product of 100	20-50 facts-minute
Write or say complete sentences from fragments	10-20 sentences-minute
Pick things that don't fit in a story, picture or sentence	5-10 things-minute
Write or say pieces of equipment needed in baking (also hockey, riding, sewing, building and fishing)	20-40 pieces-minute
Write or say sentences or sentence fragments	5 sentences-minute
Write or say facts that =10 (all functions)	10-20 facts-minute
Circle words on seek & find sheet	5 words-minute
Draw from doodle (also shapes, letters, etc)	10-15 drawings-minute
Join dots to form picture	20-30-minute
Decode letters in solving messages (also Braille, symbols, etc.)	15 messages-minute
Put words to make story	15-25 words-minute
COMPARISON (LIKENESSES AND DIFFERENCES)	
Say or Write words that are opposite	20 opposite words-minute
Say or Write words that are alike	20 alike words-minute
Say or Write similar objects (made of wood-variations)	20 objects-minute
Say or write completion of comparisons (quiet as ..., happy as...)	20 comparisons-minute
Mark differences in letters (e.g. t o t) also shapes, colors, sizes	40-50 differences-minute
Mark differences in pictures	20-25 differences-minute
Mark differences in words	20-25 differences-minute
Mark similarities in letters, shapes, colors & sizes	20-25 similarities-minute
Mark similarities in pictures	20-25 similarities-minute
Mark similarities in words	20-25 similarities-minute
Write or say similarities (differences)	20-30 differences & similarities-minute
Write or say ways of comparing 2 people	20 comparisons-minute

Write or say ways of comparing 2 objects	20 comparisons-minute
Write or say ways of comparing countries	20 comparisons-minute
Write or say ways of comparing experiences	20 comparisons-minute

QUESTIONS

Say or write questions about an object	10-20 questions-minute
Say or write questions beginning with why? (also what, when, where, how and who)	10 questions-minute
Write answers to simple questions	1-2 answers-minute
Groups-20 questions to each answer-count correct & learning opportunity questions	30-60-minute

OPINIONS

Write or say feelings after an experience (e.g., trip to Science Center)	15 feelings-minute
Write or say facts after a trip	10-15 facts-minute
Write or say opinions after a situation or story has been read	5 opinions-minute
Write or say different opinions for the question (Is it bad to be poor?)	5 opinions-minute
Determine what is real and unreal	15-30 statements-minute
Use statements that mix reality & the imaginary (e.g., The cow spoke to the young man)	
After a story is read, give opinions on what happened	5 opinions-minute
Write or say debate ideas for these topics Capital Punishment Animals in cages Ghosts (both sides, pros-cons)	10-15 ideas-minute
Write or say what makes human beings (group)	10-100 items-minute
Write or say what happens when an animal dies (group)	5-10 items-minute
Write or say how we can help animals in water	10 ways-minute
Write or say how people can help each other	20 ways-minute

MISCELLANEOUS

Free-select (typing)	300 – 200 strokes-minute
Free-say words (conversation)	200 – 150 words-minute

References

(Highest performance standard, or fluency aim, reported from the following sources)

- Beck, R., Conrad, D., & Anderson, P. (1993). *Precision Teaching materials*. Longmont, CO: Sopris West.
- Beck, R., Conrad, D., & Anderson, P. (1996). *Basic Skill Builders Handbook*. Longmont, CO: Sopris West.
- Binder, C., Malabello, G., Desjardins, A. & McManus, R. (1999, May). *Fluency Building Workshop*. Workshop presented at the annual meeting of the Association for Behavior Analysis, Chicago, IL.
- Burgoyne, L. (1982). Oral-Tongue performance standards. *Merrimack Special Education Collaborative*.
- Freeman, G., & Haughton, E. (1993). Building reading fluency across the curriculum. *Journal of Precision Teaching*, 10(2), 29-30.
- Freeman, G., & Haughton, E. (1993). Handwriting fluency. *Journal of Precision Teaching*, 10(2), 31-32.
- Gill, B. (1974). Pupils interrelate ideas. *Special Education in Canada*, 48(4), 18-19.
- Haughton, E. C. (1973). Graduated success to better mathematics. *Special Education in Canada*, 48, 14-21.
- Haughton, E. C. (1974). Oral reading determines accuracy and expression. *Special Education in Canada*, 49, 12-19.
- Learning outcomes handwriting* (1997). Napa, CA: Haughton Learning Materials.
- Mercer, C. D., Mercer, A. R., & Evans, S. (1982). The use of frequency in establishing instructional aims. *Journal of Precision Teaching*, 3(3), 57-63.
- Phonological Coding: Word and syllable awareness* (1996). Napa, CA: Haughton Learning Materials.
- Starlin, C. M. (1979). Evaluation and teaching reading to “irregular” kids. *Iowa Perspective*, Iowa Department of Public Instruction, 1979, 1-11.