The many language components that unify into skilled reading and writing (Wasowicz, 2021)

WRITING

LANGUAGE EXPRESSION

- Background Knowledge (facts, concepts, schemas...)
- Vocabulary (breadth & depth; definition, polysemy, related words...)
- Language Structures (phonology, morphology, word class, syntax, prosody...)
- Verbal Reasoning (connection of ideas; inference, prediction, metaphor...)
- Pragmatics (intended audience, purpose...)
- Literacy Knowledge (print concepts & conventions; text genre & structure...)

READING

LANGUAGE COMPREHENSION

- Background Knowledge (facts, concepts, schemas...)
- Vocabulary (breadth & depth; definition, polysemy, related words...)
- Language Structures (phonology, morphology, word class, syntax, prosody...)
- Verbal Reasoning (connection of ideas; inference, prediction, metaphor...)
- Pragmatics (intended audience, purpose...)
- Literacy Knowledge (print concepts & conventions; text genre & structure...)

WRITTEN WORD RECOGNITION

- Phonological, Orthographic, and Morphological / Semantic Awareness (alphabetic principle, print concepts; phonemes, syllables, word stress; letter-sound relationships, orthographic patterns; morphemes, letter-meaning relationships...)
- Decoding (grapheme-to-phoneme mapping* with simultaneous engagement of phonological-orthographic-morphological systems)*mapping of phonemic, syllabic, and morphemic units

WRITTEN WORD PRODUCTION

- Phonological, Orthographic, and Morphological / Semantic Awareness (alphabetic principle, print concepts; phonemes, syllables, word stress; letter-sound relationships, orthographic patterns; morphemes, letter-meaning relationships...)
- Encoding (phoneme-to-grapheme mapping* with simultaneous engagement of phonological-orthographic-morphological systems)*mapping of phonemic, syllabic, and morphemic units
- Transcription (handwriting/letter formation, keyboarding/letter selection...)

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The speech-to-print advantage
More complete transfer of learning from encoding to decoding

Skilled Reading: Fluent execution and coordination of text comprehension and fully automatic word recognition

Skilled Writing: Fluent execution and coordination of written expression and fully automatic word production

The speech-to-print advantage
Higher quality orthographic representations

Increasingly automatic with development of lexical representations

Increasingly automatic with development of lexical representations

Increasingly automatic with development of lexical representations

Increasingly automatic with development of lexical representations

The language literacy network