

# The Language Literacy Network

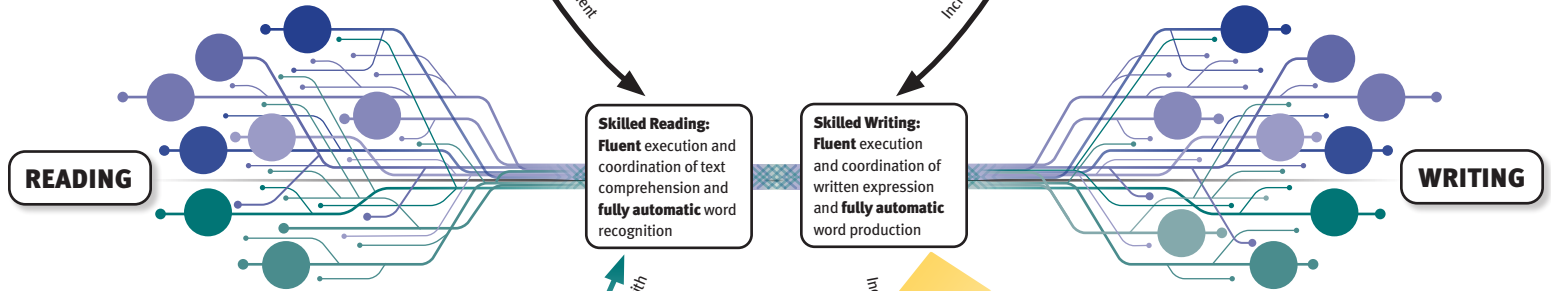
## LANGUAGE COMPREHENSION

- **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...)

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

## LANGUAGE EXPRESSION

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(facts, concepts, schemas...)
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## 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...)

Increasingly automatic with development of lexical representations

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## The speech-to-print advantage

More complete transfer of learning from encoding to decoding

Partial transfer of learning from decoding to encoding