

Financial
I receive a salary from Central Michigan University.

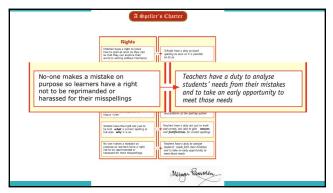
Nonfinancial

I am a founding member of the Structured Word Inquiry Research Vanguard (SWIRV), a group of researchers interested in SWI as an innovative approach to literacy instruction and intervention.

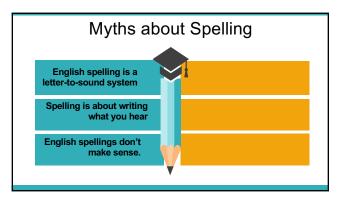
Disclosures

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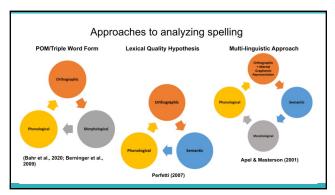
Learning Agenda **Outcomes** Analyze a student's spelling Discuss linguistic underpinnings of spelling Classify the types of errors made Practice identifying spelling errors Write goals that target linguistic concerns Formulate goals to remediate errors

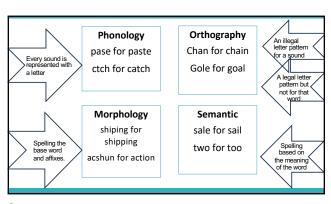












Why should SLPs care about spelling?

- McCarthy et al. (2012)

 Total spelling errors

 DLD + DYS = DYS > DLD = TL

 Phonological errors

 DLD + DYS = DYS > DLD = TL

 Orthographic errors

 DLD + DYS = DYS > DLD > TL

 Mental graphemic representation errors

 DLD + DYS = DYS < DLD = TL

 Semantic errors

 DLD + DYS = DYS > DLD = TL

Children with developmental language disorder (DLD) and/or dyslexia do not spell as well as their typically developing peers (Broc et al., 2021).

10



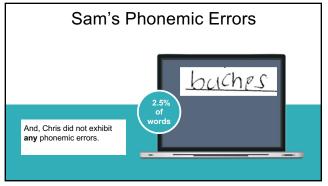
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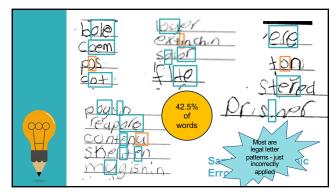
Teacher gives a spelling test

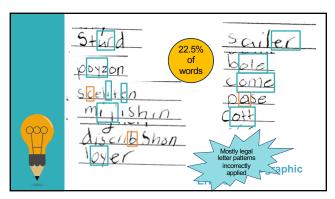


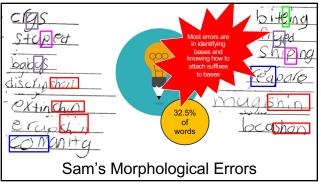


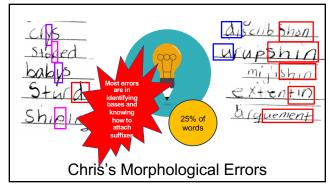


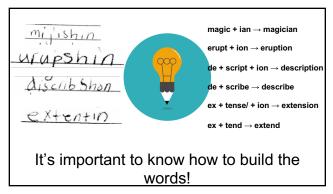


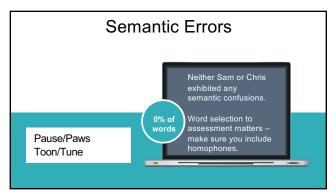


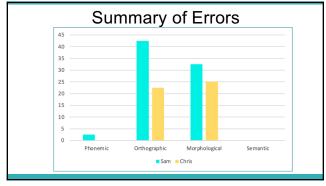


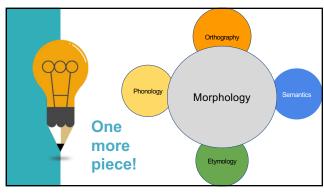


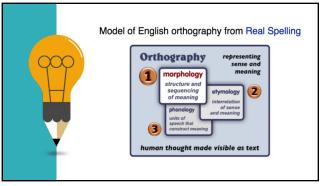


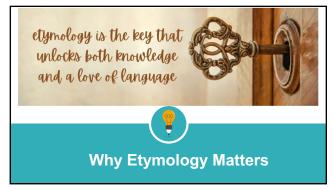




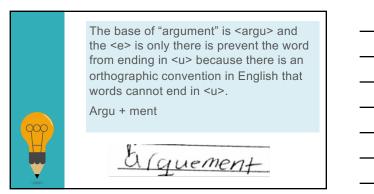


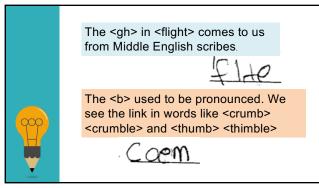


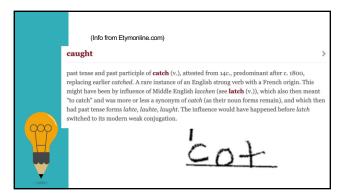




What etymology matters for analyzing spelling When we study etymology, we learn				
	How to explain a particular graphemic representation of a sound	represented by <ph> in</ph>	How connected words are	valor, evaluation, convalescence are related through Latin <i>valere</i> How a
How to make cross-curricular connections	<equ> in equator, equilateral, equitable</equ>	How English is part of a shared family of languages.	Latin con- and Spanish con- are in English words	meaning of word can change over time.
				awful; nice









How to intervene

Structured Word Inquiry (Bowers & Kirby, 2010)

Allows interventionists to

- ◆Teach in an integrated fashion
- ❖Look at language as a whole
- Work with students who exhibit different types of errors



31



How important is integration?

Bahr, Silliman, & Berninger (2020)

Investigated student's misspellings and found that accurate spelling develops through an increased understanding not just of orthography, but of the interrelationship between grapheme/phoneme correspondences and morphology

32

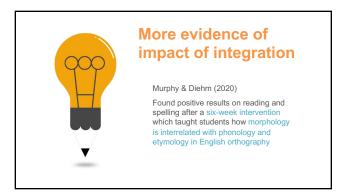


What impact does integration have?

Devonshire et. al. (2013)

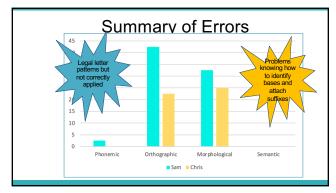
Found that when students were provided a six-week intervention that enabled them to investigate the morphology and etymology of words as they relate to grapheme-phoneme correspondences in a meaningful context, students were outperforming their peers who were in the control group on...

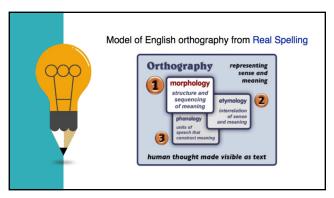
- measures of morphologically complex words,
- a standardized reading test, and
- a standardized spelling test

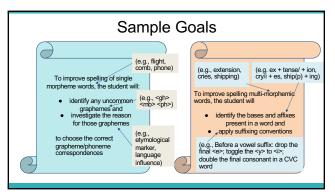












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40



41

