

Spelling

STIMULUS 1



RESPONSE 1



Process



Evaluate

Reading

STIMULUS 2



RESPONSE 2



Process



Spelling

STIMULUS 1
Phonological
Auditory input

RESPONSE 1
Visually monitored
Grapho-Motor
Orthographic
output

Process: Transform
Orthography to
equivalent
Phonology

Reading

STIMULUS 2
Orthographic
Visual input

RESPONSE 2
Auditorily monitored
Oral-Motor
Phonological
output

Process: Transcribe
Phonology
Enter
Phonology

Evaluate Vowel Substitution Error Patterns

Spelling

Reading

Child hears morpheme

STIMULUS 1
Phonological
Auditory input

STIMULUS 2
Orthographic
Visual input

Child reads morpheme

Child transcribes morpheme

RESPONSE 1
Visually monitored
Grapho-Motor
Orthographic
output

RESPONSE 2
Auditorily monitored
Oral-Motor
Phonological
output

Child articulates morpheme

Examiner enters equivalent phonology

Process: Transform
Orthography to
equivalent
Phonology

Examiner evaluates vowel substitution error patterns

Process: Transcribe
Phonology
Enter
Phonology

Examiner transcribes & enters perceived phonology

Evaluate Vowel Substitution Error Patterns

Spelling

SESSION 1
*Phonological
Auditory input*

Child
hears
morpheme



Child
transcribes
morpheme



Examiner
enters
equivalent
phonology

*Non-Words
(n=30)*



*Real words
(n=30)*

Reading

SESSION 2
*Orthographic
Visual input*

Child
reads
morpheme



Child
articulates
morpheme



Examiner
transcribes
& enters
perceived
phonology

*Non-words
(n=30)*



*Real words
(n=30)*

Spelling

SESSION 1 Phonological Auditory input

Non-Words

Short vowel CVC (n=10)

Short vowel CCVCC (n=10)

Silent /e/ rule CCVCCe (n=10)

Real words

Short vowel CVC (n=10)

Short vowel CCVCC (n=10)

Silent /e/ rule CCVCCe (n=10)

Child hears morpheme

Child transcribes morpheme

Examiner enters equivalent phonology

Reading

SESSION 2 Orthographic Visual input

Non-Words

Short vowel CVC (n=10)

Short vowel CCVCC (n=10)

Silent /e/ rule CCVCCe (n=10)

Real words

Short vowel CVC (n=10)

Short vowel CCVCC (n=10)

Silent /e/ rule CCVCCe (n=10)

Child reads morpheme

Child articulates morpheme

Examiner transcribes & enters perceived phonology

