

eLr Directory

[Summary]

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This printed version of the eLr Directory was current at the time of preparation, but changes may have since occurred due to the continual addition of new materials. Please see the eLr web site <http://www.elr.com.au/elr.htm> for current details.

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1 Phonology - Skills & Early Sounds

1.1 Auditory discrimination

Initial position

High contrast consonants [eg pour/four] n=15

Medium contrast consonants [eg tea/key] n=8

Low contrast consonants [eg pack/back] n=9

Initial consonant deletion [eg eat/meat] n=5

Final position

Final consonant deletion [eg car/cart] n=2

Vowel n=6

1.2 Phonological processes

Final consonant deletion [eg car/cart] n=12

Initial consonant deletion [eg eat/meat] n=6

Cluster reduction [eg low/slow] n=12

Velar fronting [eg tight/kite] n=6

Palato-alveolar fronting [eg sew/show] n=6

Stopping of fricatives [eg toe/sew] n=6

1.3 Early sounds

p sound [eg pig]

Isolated sound n=5

Initial position

Consonant-Vowel words n=5

Consonant-Vowel-Consonant words n=11

Multi-syllable words n=11

Medial position

Multi-syllable words n=11

Final position

Vowel-Consonant words n=1

Consonant-Vowel-Consonant words n=11

Single syllable words n=5

Multi-syllable words n=6

b sound [eg boy]

Isolated sound n=7

Initial position

Consonant-Vowel words n=7

Consonant-Vowel-Consonant words n=12

Single syllable words n=4

Multi-syllable words n=11

Medial position

Multi-syllable words n=5

Final position

Vowel-Consonant words n=1

Consonant-Vowel-Consonant words n=10

Multi-syllable words n=4

t sound [eg ten]

Isolated sound n=6

Initial position

Consonant-Vowel words n=5

Consonant-Vowel-Consonant words n=11

Multi-syllable words n=11

Medial position

Multi-syllable words n=11

Final position

Vowel-Consonant words n=5

Consonant-Vowel-Consonant words n=11

Single syllable words n=10

Multi-syllable words n=11

d sound [eg dog]

Isolated sound n=7

Initial position

Consonant-Vowel words n=1

Consonant-Vowel-Consonant words n=6

Multi-syllable words n=6

Medial position

Multi-syllable words n=9

Final position

Vowel-Consonant words n=1

Consonant-Vowel-Consonant words n=10

Single syllable words n=5

Multi-syllable words n=9

m sound [eg mop]

Isolated sound n=7

Initial position

Consonant-Vowel words n=1

Consonant-Vowel-Consonant words n=12

Multi-syllable words n=11

Medial position

Multi-syllable words n=10

Final position

Vowel-Consonant words n=1

Consonant-Vowel-Consonant words n=9

Single syllable words n=5

Multi-syllable words n=6

n sound [eg nose]

Isolated sound n=4

Initial position

Consonant-Vowel words n=1

Consonant-Vowel-Consonant words n=9

Multi-syllable words n=4

Medial position

Multi-syllable words n=11

Final position

Vowel-Consonant words n=1

Consonant-Vowel-Consonant words n=11

Single syllable words n=11

Multi-syllable words n=16

ng sound [eg ring]

Isolated sound n=4

Medial position

Multi-syllable words n=10

Final position

Vowel-Consonant words n=1

Consonant-Vowel-Consonant words n=5

Multi-syllable words n=10

w sound [eg wet]

Isolated sound n=3

Initial position

Consonant-Vowel words n=1

Consonant-Vowel-Consonant words n=10

Single syllable words n=4

Multi-syllable words n=10

Medial position

Multi-syllable words n=4

h sound [eg hat]

Isolated sound n=4

Initial position

Consonant-Vowel words n=5

Consonant-Vowel-Consonant words n=10

Single syllable words n=6

Multi-syllable words n=10

2 Phonology - Later Sounds

2.1 k sound [eg "c" in cat or "k" in kite]

Phonemic awareness for this sound

Pictorial activities n=15

Word-based activities n=6

Isolated sound n=4

Initial position

Consonant-Vowel words n=6

Consonant-Vowel-Consonant words n=22

Single syllable words n=13

Multi-syllable words n=17

Phrases n=6

Medial position

Multi-syllable words n=17

Phrases n=5

Final position

Vowel-Consonant words n=3

Consonant-Vowel-Consonant words n=21

Single syllable words n=15

Multi-syllable words n=10

Phrases n=5

2.2 g sound [eg gate]

Phonemic awareness for this sound

Pictorial activities n=14

Word-based activities n=5

Isolated sound n=4

Initial position

Consonant-Vowel words n=4

Consonant-Vowel-Consonant words n=18

Single syllable words n=9

Multi-syllable words n=10

Phrases n=5

Medial position

Multi-syllable words n=16

Phrases n=4

Final position

Vowel-Consonant words n=4

Consonant-Vowel-Consonant words n=16

Single syllable words n=11

Multi-syllable words n=6

Phrases n=5

2.3 f sound [eg fun]

Phonemic awareness for this sound

Pictorial activities n=14

Word-based activities n=4

Isolated sound n=4

Initial position

Consonant-Vowel words n=6

Consonant-Vowel-Consonant words n=15

Single syllable words n=11

Multi-syllable words n=16

Phrases n=6

Medial position**Multi-syllable words** n=16**Phrases** n=4**Final position****Vowel-Consonant words** n=4**Consonant-Vowel-Consonant words** n=14**Single syllable words** n=11**Multi-syllable words** n=11**Phrases** n=6**2.4 v sound [eg very]****Phonemic awareness for this sound****Pictorial activities** n=7**Word-based activities** n=4**Isolated sound** n=4**Initial position****Consonant-Vowel words** n=3**Consonant-Vowel-Consonant words** n=11**Single syllable words** n=6**Multi-syllable words** n=16**Phrases** n=5**Medial position****Multi-syllable words** n=15**Phrases** n=4**Final position****Vowel-Consonant words** n=3**Consonant-Vowel-Consonant words** n=12**Single syllable words** n=11**Multi-syllable words** n=11**Phrases** n=4**2.5 s sound [eg saw]****Phonemic awareness for this sound****Pictorial activities** n=21**Word-based activities** n=5**Isolated sound** n=4**Initial position****Consonant-Vowel words** n=6**Consonant-Vowel-Consonant words** n=16**Single syllable words** n=12**Multi-syllable words** n=19**Phrases** n=4**Medial position****Multi-syllable words** n=16**Phrases** n=4**Final position****Vowel-Consonant words** n=3**Consonant-Vowel-Consonant words** n=16**Single syllable words** n=11**Multi-syllable words** n=15**Phrases** n=4**2.6 z sound [eg zoo]****Phonemic awareness for this sound****Pictorial activities** n=7**Word-based activities** n=3

Isolated sound n=4

Initial position

Consonant-Vowel words n=4

Consonant-Vowel-Consonant words n=1

Single syllable words n=5

Multi-syllable words n=9

Phrases n=4

Medial position

Multi-syllable words n=16

Phrases n=4

Final position

Vowel-Consonant words n=4

Consonant-Vowel-Consonant words n=11

Single syllable words n=12

Multi-syllable words n=16

Phrases n=5

2.7 sh sound [eg shoe]

Phonemic awareness for this sound

Pictorial activities n=14

Word-based activities n=5

Isolated sound n=4

Initial position

Consonant-Vowel words n=7

Consonant-Vowel-Consonant words n=18

Single syllable words n=12

Multi-syllable words n=10

Phrases n=7

Medial position

Multi-syllable words n=21

Phrases n=6

Final position

Vowel-Consonant words n=3

Consonant-Vowel-Consonant words n=12

Single syllable words n=12

Multi-syllable words n=11

Phrases n=6

2.8 zh sound - voiced "sh" [eg measure]

Phonemic awareness for this sound

Word-based activities

Isolated sound n=3

Medial position

Multi-syllable words n=11

Phrases n=4

Final position

Vowel-Consonant words n=1

Multi-syllable words n=10

Phrases n=4

2.9 ch sound [eg chin]

Phonemic awareness for this sound

Pictorial activities n=14

Word-based activities n=4

Isolated sound n=4

Initial position

Consonant-Vowel words n=5
Consonant-Vowel-Consonant words n=12
Single syllable words n=10
Multi-syllable words n=8
Phrases n=6

Medial position

Multi-syllable words n=16
Phrases n=5

Final position

Vowel-Consonant words n=4
Consonant-Vowel-Consonant words n=12
Single syllable words n=6
Multi-syllable words n=7
Phrases n=6

2.10 j [dʒe] sound [eg judge]**Phonemic awareness for this sound**

Word-based activities n=4
Isolated sound n=4

Initial position

Consonant-Vowel words n=6
Consonant-Vowel-Consonant words n=12
Single syllable words n=10
Multi-syllable words n=15
Phrases n=5

Medial position

Multi-syllable words n=15
Phrases n=4

Final position

Vowel-Consonant words n=3
Consonant-Vowel-Consonant words n=7
Single syllable words n=11
Multi-syllable words n=11
Phrases n=4

2.11 y sound [eg "y" as in yellow]**Phonemic awareness for this sound**

Word-based activities n=2
Isolated sound n=4

Initial position

Consonant-Vowel words n=5
Consonant-Vowel-Consonant words n=12
Single syllable words n=8
Multi-syllable words n=10
Phrases n=4

Medial position

Multi-syllable words n=4

2.12 l sound [eg look]**Phonemic awareness for this sound**

Pictorial activities n=14
Word-based activities n=4
Isolated sound n=4

Initial position

Consonant-Vowel words n=5
Consonant-Vowel-Consonant words n=17

Single syllable words n=12

Multi-syllable words n=16

Phrases n=5

Medial position

Multi-syllable words n=29

Phrases n=6

Final position

Vowel-Consonant words n=5

Consonant-Vowel-Consonant words n=12

Single syllable words n=15

Multi-syllable words n=17

Phrases n=7

2.13 r sound [eg rain]

Phonemic awareness for this sound

Pictorial activities n=7

Word-based activities n=2

Isolated sound n=4

Initial position

Consonant-Vowel words n=5

Consonant-Vowel-Consonant words n=16

Single syllable words n=13

Multi-syllable words n=16

Phrases n=6

Medial position

Multi-syllable words n=26

Phrases n=4

Final position

Vowel-Consonant words n=4

Consonant-Vowel-Consonant words n=11

Single syllable words n=11

Multi-syllable words n=27

Phrases n=9

2.14 th sound [eg think]

Phonemic awareness for this sound

Pictorial activities n=12

Word-based activities n=4

Isolated sound n=4

Initial position

Consonant-Vowel words n=4

Consonant-Vowel-Consonant words n=9

Single syllable words n=12

Multi-syllable words n=12

Phrases n=5

Medial position

Multi-syllable words n=22

Phrases n=4

Final position

Vowel-Consonant words n=3

Consonant-Vowel-Consonant words n=12

Single syllable words n=11

Multi-syllable words n=12

Phrases n=7

2.15 th sound [eg the]

Phonemic awareness for this sound

Word-based activities n=2

Isolated sound n=3

Initial position

Consonant-Vowel words n=4

Consonant-Vowel-Consonant words n=5

Single syllable words n=1

Phrases n=2

Medial position

Multi-syllable words n=10

Phrases n=2

Final position

Vowel-Consonant words n=3

Consonant-Vowel-Consonant words n=1

Single syllable words n=5

2.16 blends with s

Phonemic awareness for s blends

Pictorial activities

Word-based activities

sk sound blends [eg "sk" as in skate, "sc" as in scare]

Initial position

Single syllable words n=17

Multi-syllable words n=10

Phrases n=4

Final position

Single syllable words n=12

Phrases n=5

sl sound blends [eg slide]

Initial position

Single syllable words n=16

Multi-syllable words n=5

Phrases n=5

Final position

Multi-syllable words n=5

Phrases n=4

sm sound blends [eg smile]

Single syllable words n=13

Multi-syllable words n=6

Phrases n=4

sn sound blends [eg snail]

Single syllable words n=12

Multi-syllable words n=12

Phrases n=4

sp sound blends [eg spoon and rasp]

Initial position

Single syllable words n=17

Multi-syllable words n=12

Phrases n=5

Final position

Single syllable words n=17

Phrases n=3

st sound blends [eg star and past]

Initial position

Single syllable words n=20

Multi-syllable words n=12

Phrases n=5

Final position

Single syllable words n=23

Multi-syllable words n=17

Phrases n=4

sw sound blends [eg swim]

Single syllable words n=13

Multi-syllable words n=13

Phrases n=5

complex s blends [eg spray and belts]

Initial position

Single syllable words n=36

Multi-syllable words n=27

Phrases n=4

Medial position

Multi-syllable words n=13

Phrases n=2

Final position

Single syllable words n=12

Phrases n=3

final "consonant + s" blends [eg box]

Single syllable words n=21

Phrases n=4

2.17 blends with l

Phonemic awareness for "l blends"

Pictorial activities

Word-based activities

bl sound blends - initial [eg blue]

Single syllable words n=12

Phrases n=5

fl sound blends - initial [eg flag]

Single syllable words n=14

Phrases n=4

gl sound blends - initial [eg glad]

Single syllable words n=14

Phrases n=5

kl sound blends - initial [eg "cl" as in clean]

Single syllable words n=12

Phrases n=5

pl sound blends - initial [eg plane]

Single syllable words n=12

Phrases n=4

sl sound blends - see under "blends with s"

assorted l blends

Initial position

Single syllable words n=29

Phrases n=4

Final position

Single syllable words n=15

Phrases n=3

2.18 blends with r

Phonemic awareness for r blends

Pictorial activities

Word-based activities

br sound blends - initial [eg broom]

Single syllable words n=16

Multi-syllable words n=8

Phrases n=4

dr sound blends - initial [eg drum]

Single syllable words n=13

Multi-syllable words n=12

Phrases n=5

fr sound blends - initial [eg frog]

Single syllable words n=14

Multi-syllable words n=11

Phrases n=4

gr sound blends - initial [eg grass]

Single syllable words n=12

Multi-syllable words n=11

Phrases n=4

kr sound blends - initial [eg "cr" as in cream]

Single syllable words n=15

Multi-syllable words n=11

Phrases n=5

pr sound blends - initial [eg prize]

Single syllable words n=14

Multi-syllable words n=13

Phrases n=6

tr sound blends - initial [eg tree]

Single syllable words n=16

Multi-syllable words n=15

Phrases n=4

assorted r blends**Initial position**

Single syllable words n=35

Multi-syllable words n=34

Phrases n=4

Medial position

Multi-syllable words n=27

Phrases n=4

3 Phonological Awareness

3.1 Sound awareness

Popping n=5

Long n=5

Nasal n=3

Voiced n=4

Whispered n=4

3.2 Letter names and sounds

Letter sets "msat" & "erdi" n=18

Letter sets "hcof" & "nlwg" n=18

Letter sets "vpbku" & "xyzqj" n=18

Letters - review groupings n=29

3.3 Word awareness

Words in a sentence

Word-based activities n=7

Compound words

Pictorial activities n=3

Word-based activities n=15

Syllables in a word

Pictorial activities n=9

Word-based activities n=10

3.4 Rhyming

Rhyme identification

Pictorial activities n=39

Word-based activities n=14

Odd one out

Pictorial activities n=22

Word-based activities n=6

Word generation

Pictorial activities n=17

3.5 Blending sounds to make words

High contrast [lower level] n=25

Low contrast [higher level] n=26

3.6 Initial consonants

Starts with the same sound

Pictorial activities n=38

Word-based activities n=15

Naming the initial sound

Pictorial activities n=7

Word-based activities n=8

Sound/letter matching

High contrast [lower level] n=41

Low contrast [higher level] n=44

Word generation

Pictorial activities n=5

Word-based activities n=8

Odd one out

Pictorial activities n=29

Word-based activities n=7

3.7 Final consonants

Ends with the same sound**Pictorial activities** n=37**Word-based activities** n=16**Naming the final sound****Pictorial activities** n=9**Word-based activities** n=8**Sound/letter matching****High contrast [lower level]** n=23**Low contrast [higher level]** n=31**Word generation****Pictorial activities** n=7**Word-based activities** n=8**Odd one out****Pictorial activities** n=31**Word-based activities** n=6

3.8 Vowels

Short vowels**Pictorial activities** n=10**Word-based activities** n=6**Long vowels****Pictorial activities** n=9**Word-based activities** n=6**Diphthongs****Pictorial activities** n=10**Word-based activities** n=4

3.9 Sounds in words

With sound/letter correspondence n=15**Without sound/letter correspondence** n=23

3.10 Sound/letter links in words

With sound/letter correspondence**Pictorial activities** n=15**Word-based activities** n=5**Non-words** n=21**Without sound/letter correspondence****Pictorial activities** n=23**Word-based activities** n=9**Non-words** n=15

3.11 Initial blends

Naming the initial sound**Pictorial activities** n=11**Word-based activities** n=4**Counting sounds in words****Pictorial activities** n=9**Word-based activities** n=9

3.12 Final blends

Naming the final sound**Pictorial activities** n=10**Word-based activities** n=20**Counting sounds in words****Pictorial activities** n=3**Word-based activities** n=7

4 Reading & Spelling

4.1 Short vowel sounds - 3 letter words

/a/ sound [as in cat] n=49
/e/ sound [as in bed] n=38
/i/ sound [as in pig] n=37
/o/ sound [as in hot] n=39
/u/ sound [as in hug] n=38
assorted vowel sounds n=72

4.2 Short vowel sounds - longer words

/a/ sound [as in cat]
level 1 n=28
level 2 n=24
level 3 n=10

/e/ sound [as in bed]
e [eg step]
level 1 n=29
level 2 n=24
level 3 n=10

ea [eg head]
level 1 n=18
level 2 n=7
level 3 n=5
assorted spellings of this sound n=32

/i/ sound [as in pig]
level 1 n=25
level 2 n=28
level 3 n=10

/o/ sound [as in hot]
o [eg frog]
level 1 n=17
level 2 n=19
level 3 n=10

a [eg watch]
level 1 n=7
level 2 n=7
level 3 n=5
assorted spellings of this sound n=29

/u/ sound [as in hug]
u [eg drum]
level 1 n=28
level 2 n=24
level 3 n=10

o/oe/ou [eg some/does/double]
level 1 n=7
level 2 n=7
level 3 n=5
assorted spellings of this sound n=36

/oo/ sound [as in book and bush/could]
oo [eg book]
level 1 n=14
level 2 n=7
level 3 n=9

u/ou [eg bush/could]
level 2 n=7

level 3 n=5

assorted spellings of this sound n=22

assorted vowel sounds

level 1 n=24

level 2 n=39

level 3 n=20

4.3 Long vowel sounds

/ar/ sound [as in hard and last]

ar [eg hard]

level 1 n=17

level 2 n=7

level 3 n=6

a [eg last]

level 1 n=14

level 2 n=7

level 3 n=5

assorted spellings of this sound n=40

/ee/ sound [as in heel, pea, she and key/lady]

ee [eg heel]

level 1 n=26

level 2 n=7

level 3 n=5

ea [eg pea]

level 1 n=26

level 2 n=7

level 3 n=5

e [eg she]

level 1 n=7

level 3 n=5

y/ey [eg key/lady]

level 3 n=20

assorted spellings of this sound n=75

/er/ sound [as in fern, heard, fir, fur and worm]

er [eg fern]

level 1 n=9

level 2 n=7

level 3 n=10

ear [eg heard]

level 1 n=10

level 3 n=5

ir [eg fir]

level 1 n=10

level 2 n=7

level 3 n=5

ur [eg fur]

level 1 n=17

level 2 n=7

level 3 n=5

or [eg worm]

level 2 n=6

assorted spellings of this sound n=43

/oo/ sound [as in food, blue, flew, rule, and flu]

oo [eg food]

level 1 n=16

level 2 n=7

level 3 n=5

ue [eg blue]

level 1 n=9

level 3 n=5

ew [eg flew]

level 1 n=9

level 2 n=7

level 3 n=5

u_e [eg rule]

level 1 n=7

level 3 n=5

u [eg flu]

level 2 n=6

level 3 n=10

assorted spellings of this sound n=40

/or/ sound [as in fork, haul, paw, ball and core]

or [eg fork]

level 1 n=23

level 2 n=7

level 3 n=10

au [eg haul]

level 2 n=8

level 3 n=5

aw [eg paw]

level 1 n=16

level 3 n=5

a [eg ball]

level 2 n=7

ore [eg core]

level 2 n=7

level 3 n=5

assorted spellings of this sound n=40

assorted long vowels

level 1 n=28

level 2

level 3 n=20

4.4 Diphthong vowel sounds

/oa/ sound [as in boat, doe, blow, nose and most]

oa [eg foal]

level 1 n=21

level 2 n=7

level 3 n=5

oe [eg doe]

level 1 n=12

level 2 n=1

ow [eg blow]

level 1 n=10

level 2 n=6

level 3 n=5

o_e [eg nose]

level 1 n=18

level 2 n=6

level 3 n=5

o [eg most]

level 1 n=6

level 2 n=6

level 3 n=10

assorted spellings of this sound n=52

/oy/ sound [as in boy and oil]

oy [eg boy]

level 1 n=9

level 3 n=8

oi [eg oil]

level 1 n=14

level 2 n=6

level 3 n=6

assorted spellings of this sound n=20

/ow/ sound [as in fowl and loud]

ow [eg fowl]

level 1 n=21

level 3 n=5

ou/ough [eg loud/plough]

level 1 n=15

level 2 n=6

level 3 n=5

assorted spellings of this sound n=20

/ay/ sound [as in day, cake, and hail]

ay [eg day]

level 1 n=14

level 3 n=7

a_e [eg cake]

level 1 n=18

level 2 n=6

level 3 n=10

ai [eg hail]

level 1 n=22

level 3 n=5

assorted spellings of this sound n=53

/ie/ sound [as in die, find, kite, fly and night]

ie [eg die]

level 1 n=11

level 3 n=5

i [eg find]

level 1 n=6

level 2 n=6

level 3 n=10

i_e [eg kite]

level 1 n=18

level 2 n=6

level 3 n=5

y [eg fly]

level 1 n=6

level 3 n=10

igh [eg night]

level 1 n=6

level 3 n=5

assorted spellings of this sound n=42

/eer/ sound [as in deer and fear]

eer [eg deer]

level 1 n=6

level 2 n=5

level 3 n=5

ear [eg fear]

level 1 n=6

level 2 n=6

level 3 n=5

assorted spellings of this sound n=20

/air/ sound [as in pair and hare]

air [eg pair]

level 1 n=6

level 3 n=10

are [eg hare]

level 1 n=6

level 2 n=6

level 3 n=5

assorted spellings of this sound n=43

assorted diphthongs

level 1 n=29

4.5 Other vowel sounds

schwa [neutral] vowel [as in about]

2 syllable words - 1st syllable [eg below] n=17

2 syllable words - 2nd syllable [eg salad] n=31

3 or more syllables [eg caterpillar] n=30

using y [as in story]

ee sound [eg story] n=28

long /i/ sound [eg sky] n=36

short /i/ sound [eg gym] n=18

4.6 Consonant blends

s blends [eg stop & spook]

initial position n=45

final position n=21

l blends [eg plum & glass]

initial position n=20

final position n=10

r blends [eg crust & prune]

initial position n=23

final position

assorted blends

initial position n=43

final position n=21

4.7 Consonant digraphs

sh [eg she] n=27

ch [eg chair] n=25

tch [eg patch] n=14

th [eg thin] n=28

ck [eg pick] n=21

"ph/wh" [eg phone and white] n=20

4.8 Most frequent words

first 100 words

level 1 n=15

level 2 n=36

level 3 n=15

level 4 n=29

level 5 n=29

level 6 n=15

level 7 n=20

second 100 words

level 1 n=31

level 2 n=31

level 3 n=31

level 4 n=31

level 5 n=31

third 100 words

level 1 n=10

level 2 n=10

level 3 n=10

level 4 n=10

fourth 100 words

level 1 n=10

level 2 n=10

level 3 n=10

level 4 n=10

fifth 100 words

level 1 n=10

level 2 n=10

level 3 n=10

level 4 n=10

sixth 100 words

level 1 n=10

level 2 n=10

level 3 n=10

level 4 n=10

4.9 The "e" rule

/a/ sound [as in cat] n=16

/i/ sound [as in pig] n=14

/o/ sound [as in hot] n=14

/u/ sound [as in hug] n=11

assorted vowel sounds n=27

4.10 Prefixes and suffixes

prefixes n=30

suffixes n=50

4.11 Syllabification

2 syllable words

real words n=11

non-words n=16

3 syllable words

real words n=11

non-words n=13

4 syllable words

real words n=11

non-words n=12

5 syllable words

real words n=10

4.12 Word patterns

"able" [eg comfortable] n=5

"ance" [eg distance] n=5

"aught" [eg caught] n=5

"ation" [eg vacation] n=5
 "eigh/t" [eg weigh/weight] n=5
 "ought" [eg bought] n=5
 "ough" [eg rough] n=4
 other letter patterns n=16

4.13 Silent letters

words with "b" [eg thumb] n=5
 words with "c" [eg scene] n=5
 words with "g" [eg gnome] n=5
 words with "h" [eg hour] n=5
 words with "k" [eg knife] n=5
 words with "l" [eg calm] n=5
 words with "t" [eg often] n=5
 words with "w" [eg write] n=5
 assorted words n=8

4.14 Contractions

using not n=14
 using is, has, am & would n=20
 using are, have & will n=16
 assorted contractions n=12

4.15 Plurals

most words - add "s" [eg lions] n=12
 ch/sh/s/x endings - add "es" [eg foxes] n=15
 y endings - "y to i" & add "es" [eg flies] n=8
 o endings - add "s" or "es" [eg pianos echoes] n=8
 f endings - "f to v" & add "es" [eg leaves] n=4
 irregular plurals [eg mice] n=4

4.16 Verb tense endings

regular [eg boil boiled]
 present - adding "s" [most verbs eg hops digs] n=32
 present - adding "es" [eg pushes teaches]
 sibilant ending [s/ss/sh/z/ch/x] - add "es" [eg pushes catches] n=12
 consonant + "y" - "y to i" add suffix, except "ing" [eg dry dries dried] n=6
 present & past - adding "ing" [eg helping drinking]
 ending in "e" - drop "e" & add suffix [eg dive dived diving] n=27
 short vowel + consonant - double consonant & add suffix [eg hug hugged hugging] n=21
 short vowel + consonant cluster/digraph - add suffix [eg bump bumped bumping] n=30
 long vowel - add suffix [eg play played playing] n=24
 consonant + "y" - add "ing" suffix [eg dry drying] n=6
 simple past - adding "ed" [eg boiled chopped]
 ending in "e" - drop "e" & add suffix [eg dive dived diving] n=27
 short vowel + consonant - double consonant & add suffix [eg hug hugged hugging] n=21
 short vowel + consonant cluster/digraph - add suffix [eg bump bumped bumping] n=30
 long vowel - add suffix [eg play played playing] n=24
 consonant + "y" - "y to i" add suffix, except "ing" [eg dry dries dried] n=6
 irregular [eg buy bought]
 present - adding "s" [most verbs eg hops digs] n=32
 present - adding "es" [eg pushes teaches]
 sibilant ending [s/ss/sh/z/ch/x] - add "es" [eg pushes catches] n=4
 present & past - adding "ing" [eg helping drinking]
 ending in "e" - drop "e" & add suffix [eg dive dived diving] n=8
 short vowel + consonant - double consonant & add suffix [eg hug hugged hugging] n=8
 long vowel - add suffix [eg play played playing] n=24

short vowel + consonant cluster/digraph - add suffix [eg bump bumped bumping] n=16

simple past [eg dug came]

changing to "t" or "d" [eg lose lost] n=16

vowel changes to "o" [eg break broke] n=8

vowel changes to "a" [eg drink drank] n=8

vowel changes to "ough", "augh" or "ou" [eg brought caught found] n=8

vowel changes to "ew" [eg blow blew] n=8

vowel changes to "e" [eg hold held] n=8

vowel changes to "i" or "u" [eg hid dug] n=8

other patterns [eg go went] n=16

4.17 Demon words

words starting with a - c n=29

words starting with d - h n=37

words starting with i - o n=23

words starting with p - s n=23

words starting with t - z n=29

4.18 Homophones [words sound the same]

words starting with a - c n=16

words starting with d - h n=14

words starting with i - o n=12

words starting with p - s n=11

words starting with t - z n=8

4.19 Homographs [words spelt the same]

words starting with a - c n=2

words starting with d - h n=2

words starting with i - o n=3

words starting with p - s n=6

words starting with t - z n=1

5 Semantics

5.1 Naming

Nouns

Unrelated common n=40

Unrelated specific n=40

Related common

Foods n=12

Animals n=17

Clothes n=8

Transport n=4

Places n=4

Objects n=21

People n=3

Assorted nouns n=10

Related specific

Foods n=18

Animals n=21

Clothes n=19

Transport n=7

Places n=4

Objects n=42

People n=6

Assorted nouns n=19

Verbs

Basic n=3

Daily living n=14

Other verbs n=2

5.2 Word retrieval

Common n=21

Higher level n=20

5.3 Concepts

Spatial

In/out n=16

On/off/under/beside/next to n=33

Top/middle/bottom n=17

Front/back/behind n=17

First/middle/between/last n=14

Through/around n=6

Size

Big/little/large/small n=28

Colour

Basic colours n=28

Other colours n=23

Quantity

Counting n=6

Few/many/most/all/some n=12

Inclusive/exclusive

A/both n=10

Either/or/both/and n=14

All but one/except n=6

5.4 Picture/picture match

Identical

Unrelated

Field of 3 n=11

Field of 4 n=10

Variable

5.5 Spoken word/picture match

Single word

Unrelated common

Field of 2 n=5

Field of 3 n=5

Field of 6 n=4

Field of 8 n=4

Related common

Field of 2 n=5

Field of 3 n=5

Field of 4 n=4

Field of 6 n=4

Field of 8 n=4

Related specific

Field of 2 n=5

Field of 3 n=5

Field of 4 n=5

Field of 6 n=3

Phrase

Unrelated common

Field of 2 n=7

Field of 3 n=7

Field of 4 n=7

Related common

Field of 2 n=7

Field of 3 n=7

Field of 4 n=7

5.6 Complex instructions

One attribute

One discriminator n=12

Two discriminators n=11

Three discriminators n=12

Four discriminators n=10

Two attributes

Two discriminators n=13

Three discriminators n=9

Four discriminators n=7

Five discriminators n=2

Three attributes

Three discriminators n=7

Four discriminators n=9

5.7 Written word/picture match

Single word

Unrelated common

Field of 2 n=9

Field of 3 n=8

Field of 4 n=8

Field of 6 n=8

Related common**Field of 2** n=5**Field of 3** n=6**Field of 4** n=5**Field of 6****Related specific****Field of 2** n=6**Field of 3** n=6**Field of 4** n=6**Field of 6** n=6

5.8 Categories

Unrelated common**Field of 3** n=5**Field of 4** n=20**Field of 6** n=7**Field of 12** n=4**Unrelated specific****Field of 3** n=5**Field of 4** n=23**Field of 6** n=8**Field of 12****Related specific****Field of 3** n=8**Field of 4** n=18**Field of 6** n=8**Field of 8** n=6**Field of 12** n=6**Word generation****Common** n=25**Specific** n=10**Higher level** n=8**Sorting****Common** n=10**Higher level** n=6

5.9 Picture Associations

Who eats what**Field of 4** n=14**Other associations****Common****Field of 2** n=8**Field of 3** n=33**Field of 4** n=27**Specific****Field of 2** n=7**Field of 3** n=26**Field of 4** n=22

5.10 Word Associations

Synonyms**Common****Field of 4** n=20**Field of 6** n=15**Field of 8** n=12**Specific****Field of 4** n=32

Field of 6 n=25

Field of 8 n=24

Higher level

Field of 4 n=32

Field of 6 n=24

Field of 8 n=22

Antonyms

Common

Field of 4 n=20

Field of 6 n=20

Field of 8 n=20

Specific

Field of 4 n=28

Field of 6 n=24

Field of 8 n=20

Higher level

Field of 4 n=28

Field of 6 n=24

Field of 8 n=20

Object/user

Common

Field of 4 n=12

Field of 6 n=12

Field of 8 n=10

Specific

Field of 4 n=12

Field of 6 n=16

Field of 8 n=8

Part/whole

Common

Field of 4 n=12

Field of 6 n=12

Field of 8 n=10

Specific

Field of 4 n=18

Field of 6 n=16

Field of 8 n=12

6 Sentence Processing

6.1 Parts of a sentence

Pronouns/Possessives

He-him-his + Possessives n=14

She-her-hers + Possessives n=18

He/her-him/her-his/hers + Possessives n=12

They-them-theirs + Possessives n=7

Verb tense

Regular [eg walk walked] n=15

Irregular [eg drink drank] n=22

6.2 Single clause active sentences

Subject+Verb

Pictorial activities n=33

Present tense [word-based]

Easily visualized n=16

Less easily visualized n=16

Past tense [word-based]

Easily visualized n=16

Less easily visualized n=16

Future tense [word-based]

Easily visualized n=12

Less easily visualized n=12

Subject+Verb+Noun

Pictorial activities n=29

Present tense [word-based]

Easily visualized n=11

Less easily visualized n=9

Past tense [word-based]

Easily visualized n=8

Less easily visualized n=10

Future tense [word-based]

Easily visualized n=4

Less easily visualized n=8

Subject+Verb+Prepositional phrase

Pictorial activities n=24

Present tense [word-based]

Easily visualized n=12

Less easily visualized n=6

Past tense [word-based]

Easily visualized n=10

Less easily visualized n=10

Future tense [word-based]

Easily visualized n=6

Less easily visualized n=4

Subject+Verb+Noun+Prepositional phrase

Present tense [word-based]

Easily visualized n=10

Less easily visualized n=12

Past tense [word-based]

Easily visualized n=18

Less easily visualized n=16

Future tense [word-based]

Easily visualized n=12

Less easily visualized n=12

Subject+Verb+Indirect object+Object**Present tense [word-based]****Easily visualized** n=16**Less easily visualized** n=16**Past tense [word-based]****Easily visualized** n=16**Less easily visualized** n=16**Future tense [word-based]****Easily visualized** n=12**Less easily visualized** n=12**Using descriptive phrases****Pictorial activities** n=27**Past tense [word-based]****Easily visualized** n=24**Less easily visualized** n=24**Present tense [word-based]****Easily visualized** n=24**Less easily visualized** n=24**Future tense [word-based]****Easily visualized** n=24**Less easily visualized** n=24**6.3 Single clause passive sentences****Pictorial activities** n=28**6.4 Multi-clause sentences****Using "and" or "or"** n=12**Using "because" or "since"** n=11**Using "before" or "after"** n=11**Using "if", "until" or "when"** n=16**Using "but", "although" or "even though"** n=12**Using "instead of" or "unless"** n=16**Using "who" or "that"** n=12

7 Using Language

7.1 Sequencing

Seriation

Stick figures n=6

Cartoon style n=24

Familiar routines

Common n=24

Less common n=15

Narratives n=13

7.2 Detecting errors in pictures

What is wrong n=13

What is missing n=7

7.3 Similarities and differences

Pictorial activities

Common n=37

Less common n=35

Word-based activities

Common n=21

Less common n=15

7.4 Problem solving and inferencing

Pictorial activities

Common n=22

Less common n=18

8 Activity Toolbox

Game generators ⁿ⁼⁹

Scene library ⁿ⁼⁸

Animation library ⁿ⁼¹