

BELS-Extended Summary Score Sheet

BELS Extended	Raw Score	Total Score
Oromotor Functioning		
Oral Apraxia	/10	/10
Nominal Language		
Sentence Repetition	/5	/5
Word Comprehension I + II	/20	/5
Word Repetition I + II	/20	/5
Oral Naming (Objects) I + II	/20	/10
Action Naming	/10	/5
Sentence Comprehension	/10	/10
TOTAL NOMINAL		/40
Propositional Language and Executive Functions		
Spontaneous Speech	Oz Beach Scene:	GOAL Cookie Theft:
Speech Quantity	/1	/1
Grammar/Syntax	/1	/1
Errors	/1	/1
Novel Ideas	/1	/1
Topic-related Ideas	/1	/1
Total (Beach + Cookie Theft Scenes) x 2		/20
Phonemic Word Fluency		Weighted:
'S' (Total Correct =)		/2
GOAL 'B' (Total Correct =)		/2
Total ('S' + 'B') x 2		/8
Semantic Word Fluency		Weighted:
'Animals' (Total Correct =)		/2
GOAL 'Fruit & Vegetables' (Total Correct =)		/2
Total ('Animals' + 'Fruit & Vegetables') x 2		/8
Sentence Completion		Weighted:
<i>Initiation</i> Responses Correct		/2
High Constraint (<i>Low Selection</i>) RT		/4
Low Constraint (<i>High Selection</i>) RT		/4
Initiation Total		/10
<i>Inhibition</i> High Constraint (Number Correct)		/5
Low Constraint (Number Correct)		/5
Inhibition Total		/10
<i>Strategy Use</i>		/2
Sentence Completion Total		/22
Motor Go-No-Go	/3	/2
TOTAL PROP LANGUAGE AND EXEC FUNCTIONS		/60
Memory		
Incidental Verbal Memory	/10	/10
Verbal Recognition Memory	/20	/10
Visual Recognition Memory	/10	/10
TOTAL MEMORY		/30
Total		/140

Brief Executive Language Screen - Extended (BELS)

Materials: Stop watch, voice recorder

Patient ID:	Lesion:	Healthy Control:
Date:	Pathology Type/Location:	
Age/DOB:	Handed: R/L	
Education Yrs:	Occupation:	
Learning Disability: Y/N	First Language:	

1. Spontaneous speech: Description of Complex Scene (OZ Beach Scene – on separate PDF).

“Describe everything you see going on in this scene” Record full response. Note time. (Max=1min). DO NOT PROMPT SPECIFICS – OK to ask ‘Anything else’ once.

Rate clinical characteristics of speech: (for clinical purposes not scoring below)
 fluency: adequate__ reduced__
 prosody: normal__ abnormal__
 errors: None__ semantic__ phonological__ syntax__

2. Spontaneous Speech - GOAL Version: Cookie Theft

“Talk continuously for 1 minute about what you see going on in this picture” Record full response. Note time. (Max=1min). DO NOT PROMPT SPECIFICS – OK to ask ‘Anything else’ once.

Spontaneous Speech Scoring (see manual)

	Oz Beach	Cookie Theft GOAL
Words/Minute (1 = ≥80)	/1	/1
Grammatical (1 = all content grammatical)	/1	/1
Errors (1 = no stutter/phonol./sem. errors)	/1	/1
Novel (1 = no ideas repeated)	/1	/1
Topic-Relatedness (1 = all ideas related to content*)	/1	/1
Total = ____/20	/5	/5

3. Oral Apraxia: Ask the person to do the following: ____/10

Score 2 = Correct; 1 = Effortful or partial execution; 0 = unable to do

- Cough
- Blow out a match
- Make a clucking sound
- Whistle
- Puff up cheeks

4. Sentence Repetition ____/5

“Repeat these sentences”:

We enjoyed the movie ____/1

It was very cold ____/1

The shop was crowded ____/1

It was a moonlit evening ____/1

I like bananas ____/1

5. Oral Naming I ____/10

(____/5)

Point to each picture (PDF)
and ask *“What is this?”*

Repetition I ____/10

(____/2.5)

Say aloud each name and ask the person to:

i. Repeat it (Repetition) and ii. point to it (Comprehension).

Comprehension I ____/10

(____/2.5)

Mark correct for each or note errors.

Tuning fork _____

Dolphin _____

Harp _____

Sunflower _____

Saxophone _____

Tiara _____

Koala _____

Wrench _____

Caterpillar _____

Celery _____

6. Action Naming ____/5

(____/2.5)

“What is the action you see?”

Past Tense Naming ____/5

(____/2.5)

“Now tell me the past tense of the actions”.

shoot _____

bite _____

dig _____

drink _____

swim _____

7. Word Fluency (1 min): “Tell me as many words as you can that:

- a. Begin with the letter ‘S’; but no numbers, proper Nouns (e.g., seven or Susan) or using the same word but changing the endings. Try not to repeat words.”
- b. ‘Animals’ starting with any letter. Try not to repeat any items.”
- c/d. GOAL version: Give target number of items (20% higher than for standard): B; Fruit and vegetable

	S	Animals	GOAL: B =	GOAL: Fruit/Veg =
15”				
30”				
45”				
60”				
Total Correct				
Perseverations				
Errors				
Weighted Score	S = __/2	Animals = __/2	GOAL B = __/2	GOAL Fruit/Veg = __/2
2/2	≥12	≥19	≥13	≥18
1/2	7-11	14-18	8-12	13-17
0/2	≤6	≤13	≤7	≤12

8. Sentence Completion INITIATION Section:

"I am going to tell you a sentence that has the last word omitted. I would like you to say 1 word that completes the sentence meaningfully". Record response and note time from when you finish presenting the sentence until they start to respond (in seconds). If no response at 20 sec, mark as error.

- HC The lecture should last about one...
- LC The Smiths had never visited that...
- LC The kind old man asked us to...
- HC I could not remember his...
- HC The paint turned out to be the wrong...
- LC The sun went down before we could...
- HC She went to the salon to colour her...
- LC Sometimes success is simply a matter of ...
- HC They sat together without speaking a single...
- LC He wondered if the storm would be ...

RT Score	HC {circle}	LC {circle}
4/4	<4.09"	<14.50"
2/4	4.09-5.30"	14.51-19.70"
0/4	≥5.31"	≥19.71"

Correct:		
HC =		/5
LC =		/5
Total =		/10
Weighted Total =		/2
RT:		
HC RT =	Score =	/4
LC RT =	Score =	/4
Weighted Total		/10

9. Sentence Completion INHIBITION Section:

"I am going to tell you a sentence that has the last word omitted. This time finish my sentence with **1 word completely unconnected to the sentence - that is a nonsense word**". Record response and note time from when you finish presenting the sentence until they start to respond (in seconds). If no response at 20 sec, mark as error. Repeat instruction on 1st 2 items if they complete it meaningfully.

- HC The lecture should last about one...
- LC The Smiths had never visited that...
- LC The kind old man asked us to...
- HC I could not remember his...
- HC The paint turned out to be the wrong...
- LC The sun went down before we could...
- HC She went to the salon to colour her...
- LC Sometimes success is simply a matter of ...
- HC They sat together without speaking a single...
- LC He wondered if the storm would be ...

HC =	___/5
LC =	___/5
HC RT =	
LC RT =	

Strategy Score	{circle}
>2 strategies	2/2
1-2 strategies	1/2
0 strategies	0/2

10. Luria Rhythm Tapping Task

“When I tap once, you tap once (Do this 2 times). When I tap twice, you tap twice (Do this 2 times). Now let’s do this a few times.”

1-1-2-2-1-2-2

Score 1 = if could execute the run; 0 = unable to execute the run

Congruent = ___/1

“Now we will do the opposite. When I tap once, you tap twice (do this 2 times). When I tap twice, you tap once (do this 2 times). Now we will do this a few times.”

1-1-2-2-1-2-2

Do not proceed if they are unable to do the practice taps. Score 2 = able to execute the whole run; 1 = able to execute part of the run; 0 = unable to execute any of the run.

Incongruent = ___/2

Total (Raw) = ___/3

Weighted Score	{circle}
Raw = 3/3	2/2
Raw ≤2/3	0/2

11. Memory: _____/10

“Can you tell me any of the 10 items that were on the card that you pointed to?”

Tuning fork _____

Dolphin _____

Harp _____

Sunflower _____

Saxophone _____

Tiara _____

Koala _____

Wrench _____

Caterpillar _____

Celery _____

BELS-Extended (extra subtests)

13. Verbal Recognition Memory _____/20 (_____/10)

Ask the participant if each word was on the card that you pointed to earlier, e.g., "Was there a cucumber on the page, yes or no?"

	<u>Response</u>			<u>Response</u>	
	(Bold = correct)			(Bold = correct)	
Cucumber	Y	N	Sunflower	Y	N
Koala	Y	N	Kangaroo	Y	N
Daisy	Y	N	Harp	Y	N
Dolphin	Y	N	Saxophone	Y	N
Metronome	Y	N	Donkey	Y	N
Tiara	Y	N	Telephone	Y	N
Bench	Y	N	Caterpillar	Y	N
Butterfly	Y	N	Celery	Y	N
Tuning Fork	Y	N	Tarp	Y	N
Necklace	Y	N	Wrench/Spanner	Y	N

14. Visual Recognition Memory _____10 (+ _____ false positives)

Ask the participant to circle all the items that were on the card you presented earlier (page 9).

15. Sentence Comprehension: _____/10

*NB: Change left to right (and vice versa) if hemiplegia precludes use of a limb.

1. "Point to the bottom right corner of your bed [chair] with your right hand"
2. "Point to the musical instrument that needs air to make a sound"
3. "Point to the vegetable"
4. "Tap your left shoulder with your right hand"
5. "Point to the tail of the dolphin, then to the stalk of the sunflower"
6. "Show me your left palm, then point to my right eye with the same hand"
7. "Point to something that a princess would wear"
8. "Pick up the paper and then the pen"
9. "Point to my watch after you blink twice"
10. "Point to all the animals on this page"

16. **Oral Naming II** _____/10
(_____/5)

Repetition II _____/10
(_____/2.5)

Comprehension II _____/10
(_____/2.5)

Point to each picture (PDF)
and ask 'What is this?'

Say aloud each name and ask the person to:
i. Repeat it (Repetition) and ii. point to it (Comprehension).

Mark correct for each or note errors.

Tutu	_____	_____	_____
Artichoke	_____	_____	_____
Chisel	_____	_____	_____
Banjo	_____	_____	_____
Shuttlecock	_____	_____	_____
Racoon	_____	_____	_____
Pillar	_____	_____	_____
Fern	_____	_____	_____
Oboe	_____	_____	_____
Accordion	_____	_____	_____