Cognitive Assessment Report

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Assessment Details

ID:	111111
Gender:	Female
Date of Birth:	03/06/2001

Tasks Completed:	12
Completion Date:	06/22/2022 11:41
Comparative Group:	Females, 18-24

Performance Summary

	Below Average	87	Average	113	Above Average

Monkey Ladder
Visuospatial Working Memory — 86

Spatial Span
Spatial Short-Term Memory — 90

Token Search
Working Memory — 105

Paired Associates
Episodic Memory — 98

Rotations
Mental Rotation — 91

Polygons
Visuospatial Processing — 104

Odd One Out
Deductive Reasoning — 106

Spatial Planning
Planning — 94

Grammatical Reasoning
Verbal Reasoning — 110

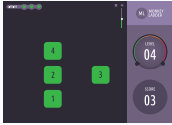**Digit Span**
Verbal Short-Term Memory — 105

Feature Match
Attention — 99

Double Trouble
Response Inhibition — ❗ **Potentially Invalid Result**

Monkey Ladder

A measure of visuospatial working memory — the ability to remember information about objects in space, and update memory based on changing circumstances.
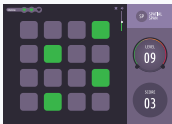
BELOW AVERAGE

86 | 18 Percentile

Result is within the BELOW AVERAGE **range.** Common everyday activities associated with visuospatial working memory include:

- Following step-by-step instructions to carry out a task in a few different locations.
- Viewing a route on a map, then following the route from memory.
- Understanding positioning in sports, and carrying out pre-planned plays.
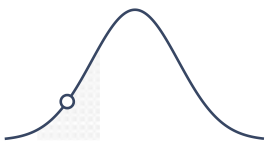- Viewing a document, then carrying out the written instructions.

Spatial Span

Measures spatial short-term memory, involved in tasks where nonverbal information needs to be stored and recalled.
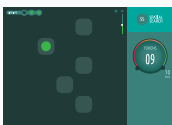
AVERAGE

90 | 24 Percentile

Result is within the AVERAGE **range.** Common everyday activities associated with spatial short-term memory include:

- Watching somebody perform a task step-by-step then doing the same task yourself, such as in sports or gym classes.
- Navigating after getting directions from somebody pointing on a map.
- Implementing a strategy you have in memory like an opening move in chess.
- Remembering positions of cars on the route while you make a difficult driving maneuver.
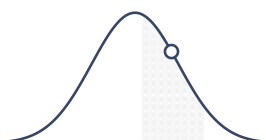
Token Search

Measures working memory — the ability to temporarily hold information in mind and manipulate or update it based on changing circumstances or demands.

AVERAGE

105 | 64 Percentile

Result is within the AVERAGE **range.** Common everyday activities associated with working memory include:

- Systematically searching for a lost item in your home.
- Solving a mystery by remembering a set of clues, then rearranging them in your mind to tell a story and form a theory.
- Finding the most efficient way to complete a to-do list of tasks around your home before leaving in the morning.
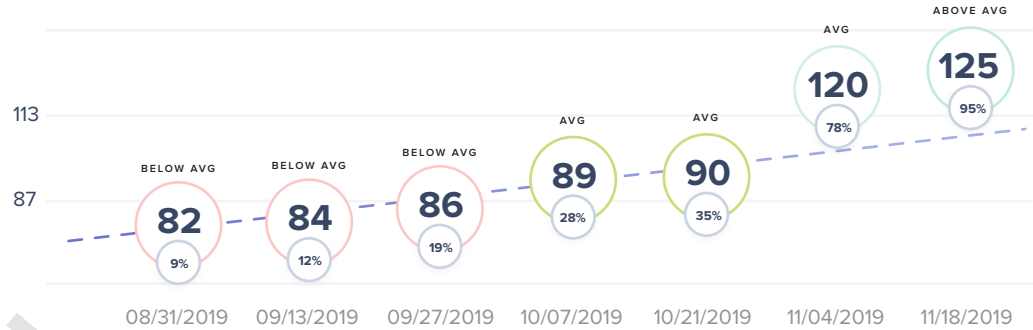- Efficiently navigating shifting priorities at work.

Monkey Ladder

A measure of visuospatial working memory—the ability to remember information about objects in space, and update memory based on changing circumstances.

Score **increased by 43 compared to baseline result on 08/31/2019 (meaningful change)** and **increased by 5 compared to previous result on 11/04/2019.**

ABOVE AVERAGE

125 | 95th Percentile

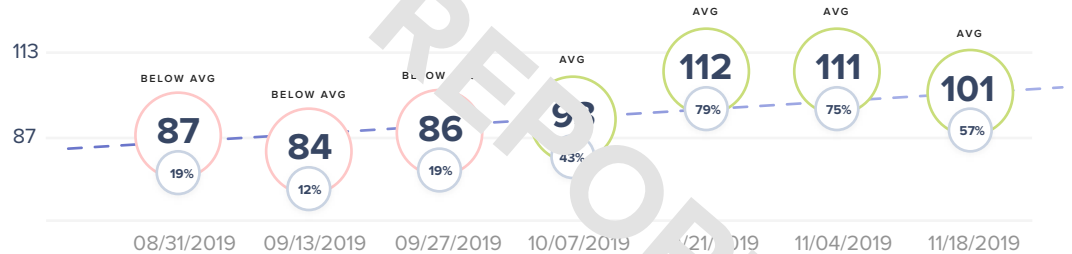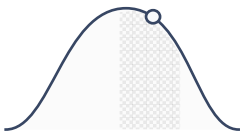| Date	08/31/2019	09/13/2019	09/27/2019	10/07/2019	10/21/2019	11/04/2019	11/18/2019
Label	BELOW AVG	BELOW AVG	BELOW AVG	AVG	AVG	AVG	ABOVE AVG
Score	82	84	86	89	90	120	125
Percentile	9%	12%	19%	28%	35%	78%	95%

Double Trouble

A measure of response inhibition—the ability to concentrate on relevant information in order to make a correct response despite interference.

Score **increased by 14 compared to baseline result on 08/31/2019 (meaningful change)** and **decreased by 10 compared to previous result on 11/04/2019.**

AVERAGE

101 | 57th Percentile

Date	08/31/2019	09/13/2019	09/27/2019	10/07/2019	10/21/2019	11/04/2019	11/18/2019
Label	BELOW AVG	BELOW AVG	BELOW AVG	AVG	AVG	AVG	AVG
Score	87	84	86	98	112	111	101
Percentile	19%	12%	19%	43%	79%	75%	57%

Feature Match

A measure of attention—the ability to focus on relevant details or differences.

Score **increased by 7 compared to baseline result on 08/31/2019** and **did not change compared to previous result on 11/04/2019.**

AVERAGE

107 | 67th Percentile

Date	08/31/2019	09/13/2019	09/27/2019	10/07/2019	10/21/2019	11/04/2019	11/18/2019
Label	BELOW AVG	BELOW AVG	BELOW AVG	AVG	AVG	AVG	AVG
Score	100	84	86	89	98	107	107
Percentile	50%	12%	19%	28%	49%	67%	67%