MANA
MĀORI ASSESSMENT OF NEUROPSYCHOLOGICAL ABILITIES

COGNITIVE ASSESSMENT

NAME: ..... **DATE OF BIRTH:** ..... **DATE OF TESTING:**	Time Started: .....

I AM GOING TO ASK YOU SOME QUESTIONS AND ALSO ASK YOU TO DO SOME TASKS.	SCORE
1. ORIENTATION TO TIME • ***Is it pay/pension/benefit week?***..... • ***What month/marama (ma-ra-ma) is it?***..... • ***What season is it?***..... • ***What year is it?***.....	... / 4
2. ORIENTATION TO SPACE • ***What is this place? (where we are right now)***..... Prompt can be given (e.g., if in a hospital and person says hospital then ask "Do you know which hospital?"; if in a community centre or marae, use same kind of prompt). If at home, and their answer is "Home", ask "where is home"? (need to give some sort of specific answer to this – street name, road name) • ***What is the name of this community/town/city/rohe (raw-he)?***.....	... / 2
3. LANGUAGE: REPETITION ***Now I would like you to repeat word-for-word exactly what I say. Listen carefully because I will only say it once.*** • **Neither here nor there** ***Now I am going to say another sentence and again I want to you to repeat it, word-for-word, exactly what I say.*** • **A tui (too-ee) can fly into a whare (far-reh; house) when it's wet and windy.**	... / 2
4. LANGUAGE: VERBAL COMPREHENSION/WORKING MEMORY ***I am going to ask you to carry out some actions. Please listen carefully because I will only tell you once.*** (Give complete instructions at one time. Do not give step by step) • ***Please nod your head*** • ***Before looking at the floor, please look at the ceiling.***	... / 2

5. LANGUAGE: PICTURE NAMING … / 5

I am going to show you some pictures. I want you to tell me what they are.

penguin	marae	tiki	poaka	poi
_____	_____	_____	_____	_____

6. MEMORY* (Time.....) … / 5

Imagine that we are going to the shop. I am going to read to you a list of things to buy. I would like you to remember that list and tell me as many as you can. Are you ready?

Examiner reads list: **soap tea cabbage batteries newspaper**

Record response in box below.

I am going to read the same list a second time. Again, listen carefully and try and remember all the items on the list.

Examiner reads list: **soap tea cabbage batteries newspaper**

Trial 1	*soap*	*tea*	*cabbage*	*batteries*	*newspaper*
Trial 2	*soap*	*tea*	*cabbage*	*batteries*	*newspaper*

SCORE: Number of correct items given on second trial only

In about 5 minutes time I will ask you what the items are on the list.

7A. ATTENTION: WORKING MEMORY … / 5

I want you to spell the word 'kai" (food)
If the person cannot spell 'kai', do not proceed with the task. Administer Digit Backwards instead (7B.)

If the person spells 'kai' correctly, then say:

If I asked you to spell the word 'kai' backwards, you would say "i, a, (k)" Pause to give them the chance to say the last letter "k".

If they understand, proceed with the task. If not, repeat the practice trial. If they still do not understand do not proceed with the task. Administer Digits Backwards instead.

Now please spell the word "hongi" (horng-ee) backwards

i	g	n	o	h
_____	_____	_____	_____	_____

7B. DIGITS BACKWARD: (Alternative) Only administer if person is unable to spell "KAI" in 7A

I am going to say some numbers to you. When I stop, I want you to say those numbers to me, backwards. For example, if I say 8 - 2 what will you say?

Correct response (2 – 8) Say, ***That's right.***

Incorrect response: Say, ***That's not quite right. I said 8 -2 so to say them backwards you should say 2 -8.***

Now listen to these numbers and say them to me backwards

7 - 3 - 1 … / 1
_____ _____ _____ Only score 1 point if all three numbers are correct.

8 - 2 - 7 - 9 [Record numbers in the order which the person gives them.] … / 4
_____ _____ _____ _____ Score 1 point for each number correct

8. EXECUTIVE: ABSTRACTION

Now I am going to name two things. I want you to tell me how they are similar or how they are alike. For example, if I say, "How are kiwi and kea similar?" you would say they are both birds, or you might say they are both animals.

Now, we will have a practice.

- ***Tell me how a kūmara (koo-ma-ra; sweet potato) and pūhā (poo-haa; green vegetable) are similar.***

Answer: they are both vegetables/huawhenua (hoo-a-fen-oo-a)

If the person answers in a concrete or very general manner (e.g. they are both food/kai), then say only one additional time: ***"Can you tell me another way in which a kumara and puha are similar"****. If the person does not give the appropriate response (i.e. vegetables), say,* ***"Yes, and they are also both vegetables."*** *Do not give any additional instructions or clarification.*

After the practice trial, say:

- ***Now, tell me how shovel and rake are similar.***

.....

Answer: They are both garden tools. ... / 1

Do not give any additional instructions or prompts.

- Now tell me how waiata (wy-a-ta; song) and korero [kor-re-ror; talk) are similar.

.....

Answers: They are both forms of communication/expression/tell a story ... / 1

They both convey a message; both expression of Reo

9. EXECUTIVE: ANIMAL FLUENCY (IN ONE MINUTE).

Now, I would like you to tell me the names of as many different animals as you can. Let's see how many different animals you can name in one minute. Are you ready? Go!

Record responses:

Scoring: 1-3 words = 1; 4-6 words = 2; 7-9 words – 3; 10-12 words = 4; 13+ words = 5 ... / 5

10. MEMORY: DELAYED LIST RECALL (Time.....)

Remember the list of things we were going to buy at the shop? Can you tell me what is on that list?

(Prompt if the person cannot recall any of the items on the list). Say "the first one was 'soap', can you remember the others?

Score 1 point for each correct item recalled which was not prompted. Use only "soap" for the prompt.

soap..... tea..... cabbage..... batteries..... newspaper..... ... / 5

11. EXECUTIVE: MOTOR SERIES "LURIA" TEST

Look carefully at what I'm doing.

The interviewer, seated in front of the person, performs alone three times with his left hand the series of "fist–edge–palm."

Now, with the hand you use most do the same series of actions with me. Ready, go.

The interviewer performs the series three times with the client.

Now, you do it on your own and stop when I tell you to. Are you ready? Go!

Stop after the person has completed 6 series on their own.

Trial with interviewer: (1)..... / (2)..... / (3).....

Trial alone: (1)..... / (2)..... / (3)..... (4)..... / (5)..... / (6).....

Scoring (Maximum score of 3):

Person performs **six correct** consecutive series alone = 3

Person performs **three to five correct** consecutive series alone = 2

Person performs 2 or fewer consecutive series alone, but **three correct** consecutive series with the interviewer = 1

Person cannot perform three correct consecutive series with the interviewer = 0

... / 3

12. VISUOSPATIAL: DRAWING

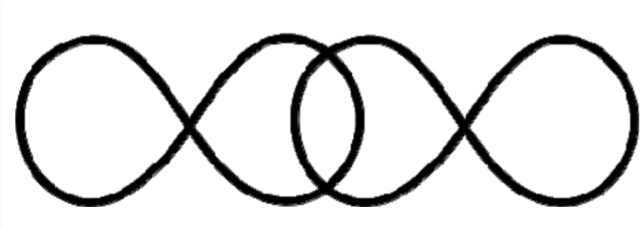
Please copy this picture exactly as it looks to you.



SCORE: 0, 1 = 0; 2, 3, 4 = 1; 5, 6, 7 = 2

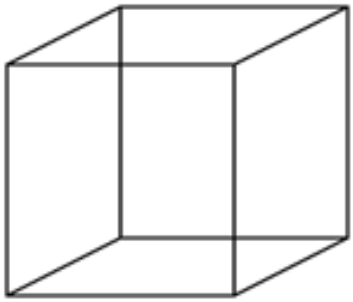
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Please copy this picture exactly as it looks to you.



... / 1

Please copy this picture exactly as it looks to you.



... / 2

Time Ended:

.....

Total Score:

..... / 45