COGNIT
17-02-2010
**MABS:  SCORING SHEET FOR COGNITIVE TESTS-5year olds          (COGNIT)**

Baby's Name........................................................................................ **BNAME**

Mother's Name.................................................................................. **MNAME**

**BID NO:** (BIDNO = Mother's WSIDNO with 1 as last figure or 2 if second twin or 3 if 3ʳᵈ triplet)     |___|___|___|___|/|___|**BIDNO**

Age:  |___|**Years**   |___|___|**months**   |___|___|**days**

Date of assessment: |___|___|/|___|___|/|___|___|___|___| **DATEA**

Assessor's initials          |___|___|**ASSESSOR**     Observer's Initials          |___|___| **OBSERVER**

START  TIME      [____:____]
 **A**. **Working memory**

| Subtest/ Item | Code | score |
|---|---|---|
| *SENTENCE REPETITION* | **SR** | *0/1/2* |
| kappa | SR 01 | |
| Jane wuuno | SR 02 | |
| Jangu olye emere | SR 03 | |
| Omuwala agudde wansi. | SR 04 | |
| Tom alina emotoka emyufu. | SR 05 | |
| Ente ennene ne ndiga bilwana. | SR 06 | |
| Leeta omukeeka oguli ku kabada. | SR 07 | |
| Enkya keera olabe oba abaana baatuuse. | SR 08 | |
| Engato za John zasigala wa Peter ku Sunday. | SR 09 | |
| Eggulo nabadde ne maama e Kampala mu park. | SR 10 | |
| Abaana balaba embwa nga ejja ne baduka nebekweeka  munju. | SR 11 | |
| Ku lwomukaaga ekiro waliyo okusaba mu kanisa yo kukyalo kyaffe. | SR 12 | |
| Omuwala ayogera nomusajja ayambadde enkofiira emyufu senga wange | SR 13 | |
| Buli kumakya nsooka kuwa nkoko mere nengenda nendeta amazzi aganafumba. | SR 14 | |
| Olwokubanga enkuba yali egenda kutonya twayanula mangu engoye zetwali twozeza. | SR 15 | |
| Mu kibbo mwasigaddemu enyanya, emichungwa, mangada ne mboga biri zzoka. | SR 16 | |
| Omusajja wa poliisi yakutte ababbi basatu nabatwaala nabaggalira mukomera okumala olunaku lulamba. | SR 17 | |
| TOTAL SR SCORE | SR total | |

Language mostly used at home:......................................................          HLANG

Other languages:..............................................................          OTHLANG1
                        ..............................................................          OTHLANG2

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| VERBAL  FLUENCY (60 sec each task) | WF | score |
|---|---|---|
| Names of animals, birds, insects, fish.(ebisolo, ebyenyanja, ebinyonyi, nebiwuuka) | VF 01 | |
| | | |
| | | |
| | | |
| | | |
| Names of things to eat/drink (ebyokulya/ ebyokunywa) | VF 02 | |
| | | |
| | | |
| | | |
| Girls' names(amannya gabawala): | VF 03 | |
| | | |
| | | |
| | | |
| Boys' names (amanya gabalenzi) | VF 04 | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Total VF SCORE | VF total | |

## B. General intelligence

| BLOCK DESIGN | BD | 0/1 |
|---|---|---|
| Item 1 | BD 01 | |
| Item 2 | BD 02 | |
| Item 3 | BD 03 | |
| Item 4 | BD 04 | |
| Item 5 | BD 05 | |
| Item 6 | BD 06 | |
| Item 7 | BD 07 | |
| Item 8 | BD 08 | |
| Item 9 | BD 09 | |
| Item 10 | BD 10 | |

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| BLOCK DESIGN | BD | 0/1 |
|---|---|---|
| Item 11 | BD 11 | |
| Item 12 | BD 12 | |
| Item 13 | BD 13 | |
| Item 14 | BD 14 | |
| Item 15 | BD 15 | |
| Item16 | BD 16 | |
| Total BD Score | BD total | |

| PICTURE VOCABULARY SCALE | PVS | 0/1 |
|---|---|---|
| Car  (emotoka) | PVS 1 | |
| Firewood  (enku) | PVS 2 | |
| Basket  (ekibbo) | PVS 3 | |
| People  (abantu) | PVS 4 | |
| Tree  (omuti) | PVS 5 | |
| Cassava   (muwogo) | PVS 6 | |
| Box   (ekibiriiti) | PVS 7 | |
| Clothes   (olugoye) | PVS 8 | |
| Hoe  (enkumbi) | PVS 9 | |
| Book   (ekitabo) | PVS 10 | |
| Chair  (entebbe) | PVS 11 | |
| Thirsty  ( alina enyonta) | PVS 12 | |
| Swinging  (yesuuba) | PVS 13 | |
| Run  (okuduka) | PVS 14 | |
| Countryside (mukyalo) | PVS 15 | |
| Close  (ekisiba) | PVS 16 | |
| Goat  (embuzi) | PVS 17 | |
| Hair  (enviri) | PVS 18 | |
| Road  (oluguudo) | PVS 19 | |
| Bow  (akasaale) | PVS 20 | |
| Roar  (ewuluguma) | PVS 21 | |
| Eating  (alya) | PVS 22 | |
| Concave  (kyetolovu) | PVS 23 | |
| To climb  (okuwalampa) | PVS 24 | |
| Total PVS score | PVS total | |

## C. Attention

| PICTURE SEARCH (timing:10 sec) | PS | 0-10 |
|---|---|---|
| Search Chicken(enkoko) | PS 01 | |
| Search Cat (kappa) | PS 02 | |
| Search Tree (omuti) | PS 03 | |
| PS Average | PS average | |

## D. Executive functions

| WINCOSIN CARD SORTING TEST | WCST | 0-12 |
|---|---|---|
| Trial 1 (Sort by number) | WCST 01 | |
| Trial 2 (Sort by picture/akafananyi) | WCST 02 | |
| | | |

| Tap ONE-TWO copy | OTC | Correct response | Circle response | Score 0/1 |
|---|---|---|---|---|
| ONE | OTC1 | O | O    T | |
| TWO | OTC2 | T | O    T | |
| ONE | OTC3 | O | O    T | |
| ONE | OTC4 | O | O    T | |
| TWO | OTC5 | T | O    T | |
| ONE | OTC6 | O | O    T | |
| ONE | OTC7 | O | O    T | |
| TWO | OTC8 | T | O    T | |
| ONE | OTC9 | O | O    T | |
| TWO | OTC10 | T | O    T | |
| TWO | OTC11 | T | O    T | |
| ONE | OTC12 | O | O    T | |
| Total OTC Score | OTC total | | | |

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| Tap ONE-TWO opposite | KTG | Correct response | Circle response | Score 0/1 |
|---|---|---|---|---|
| ONE | OTR1 | T | O    T | |
| TWO | OTR2 | O | O    T | |
| ONE | OTR3 | T | O    T | |
| ONE | OTR4 | T | O    T | |
| TWO | OTR5 | O | O    T | |
| ONE | OTR6 | T | O    T | |
| ONE | OTR7 | T | O    T | |
| TWO | OTR8 | O | O    T | |
| ONE | OTR9 | T | O    T | |
| TWO | OTR10 | O | O    T | |
| TWO | OTR11 | O | O    T | |
| ONE | OTR12 | T | O    T | |
| Total OTR Score | OTR total | | | |

## E. Psychomotor abilities

| COIN BOX (timing:20 sec)(vertical slit) | CB | Score max 20 |
|---|---|---|
| Trial 1 | CB 01 | |
| Trial 2 | CB 02 | |
| Average CB score | CB average | |

| ONE-LEG BALANCE(timing:60 sec) | LB | 0-60 sec |
|---|---|---|
| Trial 1(right leg) | LB 01 | |
| Trial 2 (left leg) | LB 02 | |
| Trial 3 (right leg) | LB 03 | |
| Trial 4 (left leg) | LB 04 | |
| AVERAGE Balancing time | | |

## F. Extra measures of Working Memory

COUNTING SPAN TASK
**Practice example: chair** on the first card, mango on the second and house on the third

| Trials | code | Score (0/1) |
|---|---|---|
| **1. a- cup,** b-cat, c-book | CS1 | |
| **2.a-chair,** b-monkey, c-banana, d-dog | CS2 | |
| **3.a-cat,** b-house, c-chicken, d-apple, e-bicycle | CS3 | |
| **4.a-shoe**, b-flower, c-insect, d-slipper, e-cup, f-dress | CS4 | |

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| | | |
|---|---|---|
| **5.a-phone**, b-car, c-plane, d-pencil, e-banana, f-chair, g-book | CS5 | |
| **6.a-kitooke**, b-orange, c-tree, d-flower, e-eye, f-doll, g-chicken, h-hut | CS6 | |
| **7.a-girl**, b-book, c-shoe, d-baby, e-bus, f-aeroplane, g-pen, h-phone, i-cup | CS7 | |
| **8.a-chicken**, b-cup, c-flower, d-baby, e-tree, f-apple, g-table, h-cat, i-basket, j-fish | CS8 | |
| **Total** | CStotal | |

RUNNING MEMORY
**Demonstration example**.  Fene, nviri.

| Trials | code | Score (0/1/2 |
|---|---|---|
| 1.     tooke, kappa | RM1 | |
| 2.     ngato, jiiko | RM2 | |
| 3.     Kaawa, taxi, kuba | RM3 | |
| 4.     Dayo, simu, ntebe | RM4 | |
| 5.     Maama, ngoma, meeza, njeru | RM5 | |
| 6.     Mpewo, mubbi, taala, genda | RM6 | |
| 7.     Boxi, kojja, leero, yesu, nyonyi | RM7 | |
| 8.     Saati, dole, siba, mboga, duka, kwata | RM8 | |
| 9.     Nkoko, baasi, kino, liiso, mbizzi, jjajja | RM9 | |
| 10.    kooti, Enkya, kale, zimba, tooke, nyonyi | RM10 | |

SHAPES TASK
Practice example a big shape: Tray with smaller pictures of balls drawn on the shape

| Trial | Big shape | small pictures | code | score (0/1) |
|---|---|---|---|---|
| 1.consistent | Cow | cows | ST1 | |
| 2.**inconsistent** | Chicken | cats | ST2 | |
| 3.consistent | cup | cups | ST3 | |
| 4.**inconsistent** | Fish | goats | ST4 | |
| 5consistent | apple | apples | ST5 | |
| 6.**inconsistent** | banana | mangoes | ST6 | |
| 7.consistent | slipper | slippers | ST7 | |
| 8.**inconsistent** | house | cars | ST8 | |
| 9.consistent | Tree | trees | ST9 | |
| 10.**inconsistent** | Dress | trousers | ST10 | |

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| 11.consistent | flowers | flowers | ST11 | |
|---|---|---|---|---|
| 12.**inconsistent** | Umbrella | balls | ST12 | |
| 13.consistent | Orange | oranges | ST13 | |
| 14.**inconsistent** | aero-plane | houses | ST14 | |
| 15.consistent | Star | stars | ST15 | |
| 16.**inconsistent** | doll | stars | ST16 | |
| 17.consistent | lion | lions | ST17 | |
| 18.**inconsistent** | Flower | balls | ST18 | |
| 19.consistent | Rabbit | Rabbits | ST19 | |
| 20.**inconsistent** | Car | bicycles | ST20 | |
| 21.consistent | Hut | huts | ST21 | |
| 22.**inconsistent** | a hand | slippers | ST22 | |
| 23.consistent | mango | mangoes | ST23 | |
| 24.**inconsistent** | Cup | trees | ST24 | |
| total score (**inconsistent**) | | | ST total | |

TOWER OF LONDON

Begin with four practice examples each with 2 moves (2 sub-goal, 2 no sub-goal).

| Trial | moves | | duration (min) | | score (0/1) | |
|---|---|---|---|---|---|---|
| 1.      3 move configuration | TOLM1 | | TOLD1 | | TOLS1 | |
| 2.      3move configuration | TOLM2 | | TOLD2 | | TOLS2 | |
| 3.      3 move configuration | TOLM3 | | TOLD3 | | TOLS3 | |
| 4.      3 move configuration | TOLM4 | | TOLD4 | | TOLS4 | |
| 5.      4 move configuration | TOLM5 | | TOLD5 | | TOLS5 | |
| 6.      4move configuration | TOLM6 | | TOLD6 | | TOLS6 | |
| 7.      4 move configuration | TOLM7 | | TOLD7 | | TOLS7 | |
| 8.      4 move configuration | TOLM8 | | TOLD8 | | TOLS8 | |
| 9.      5 move configuration | TOLM9 | | TOLD9 | | TOLS9 | |
| 10.      5move configuration | TOLM10 | | TOLD10 | | TOLS10 | |
| Total | TOLM total | | TOLD total | | TOL total | |

**Comment about child's mood, engagement, and activity**.

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END TIME      [____:____]                    Length of session: |___| **hrs**    |___|___| **minutes**