**CFC:   SCORING SHEET FOR COGNITIVE TESTS 5-9 year olds          (COGNIT)**

Child's Name........................................................................................ **CNAME**

Parent's/Guardian's Name......................................................................**MNAME**

 Village Name: …………………………………………………………….**VNAME**

**Child's ID NO:  VNO |___|___|   HHNO |___|___|___|___|   PNO|___|___|**

**CFC NO: |___|___|___|**

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

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

Assessor's initials               |___|___|**ASSESSOR**

**PHYSICAL EXAMINATION:**

 Height 1: |___|___|___|.|___|   cm **HT1**          Weight 1 :   |___|___|___|.|___|  kg  **WT1**

 Height 2: |___|___|___|.|___|   cm **HT1**          Weight 2 :   |___|___|___|.|___|  kg  **WT2**

Rank the general condition (health) of the child:   (1=Good, 2= poor)          |___| **RANKH**

Measure temperature           |___|___|.|___|___|  **TEMP**
Postpone cognitive testing if temp is≥ 37.5 C.

START TIME       [____:____]

**Attention**

| *PICTURE SEARCH (timing:10 sec for age 5-6 yrs; 5 sec for 7-9 yrs)* | *PS* | *0-10* |
|---|---|---|
| Search Chicken(enkoko) | PS 01 | |
| Search Cat (kappa) | PS 02 | |
| Search Tree (omuti) | PS 03 | |
| PS Average | PS average | |

Start time [____:____]      End time [____:____]      Duration [____:____]

**Mental flexibility**

| *STARRED CARD SORTING TEST* | *SCST* | *0-12* |
|---|---|---|
| Trial 1 (Sort by number) | SCST 01 | |
| Trial 2 (Sort by picture/akafananyi) | SCST 02 | |
| Trial 3 (Sort by number, and switch rule if there is a star) | SCST 03 | |

Start time [____:____]      End time [____:____]      Duration [____:____]

**Psychomotor abilities**

| GROOVED PEGBOARD (timing: 20 sec) | PB | Score 0-25 | Drops | No of drops |
|---|---|---|---|---|
| Trial 1 (dominant hand) | PB 01 | | PBD 1 | |
| Trial 2 (less dominant hand) | PB 02 | | PBD2 | |
| Trial 3 (both hands) | PB 03 | | PBD3 | |
| Average PB score | PB average | | | |

Start time [____:____]     End time [____:____]     Duration [____:____]

**Working memory**

| COUNTING SPAN TASK<br>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 | |
| **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-earoplane, 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 | |

Start time [____:____]     End time [____:____]     Duration [____:____]

**Planning/problem solving**
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 | |

Start time [____:____]     End time [____:____]     Duration [____:____]

## Working memory

| DIGIT SPAN FORWARDS | | |
|---|---|---|
| **Practice 1** | **4-8** | |
| **Practice 2** | **3-6-9** | |
| **Trial code** | **Digits** | **Score (0/1)** |
| DSF1 | 7-9 | |
| DSF2 | 2-6 | |
| DSF3 | 4-3 | |
| DSF4 | 1-2-5 | |
| DSF5 | 7-9-1 | |
| DSF6 | 3-5-2 | |
| DSF7 | 4-6-9-3 | |
| DSF8 | 2-5-1-7 | |
| DSF9 | 8-3-6-4 | |
| DSF10 | 4-6-8-1-9 | |
| DSF11 | 1-9-2-7-3 | |
| DSF12 | 5-2-4-1-8 | |
| DSF11 | 6-4-2-7-3-5 | |
| DSF14 | 4-9-3-5-6-8 | |
| DSF15 | 7-9-3-5-8-4 | |
| **Total score** | **DSFtotal** | |

Start time [____:____]     End time [____:____]     Duration [____:____]

| DIGIT SPAN BACKWARDS | | |
|---|---|---|
| **Practice 1** | **1-5** | |
| **Practice 2** | **4-7-9** | |
| **Trial code** | **Digits** | **Score (0/1)** |
| DSB1 | 2-5 | |
| DSB2 | 6-3 | |
| DSB3 | 7-4 | |
| DSB4 | 2-5-9 | |
| DSB5 | 7-2-9 | |
| DSB6 | 8-4-9 | |
| DSB7 | 1-6-5-2 | |
| DSB8 | 3-6-7-1 | |
| DSB9 | 8-5-9-2 | |
| DSB10 | 4-5-7-9-2 | |
| DSB11 | 6-9-1-6-3 | |
| DSB12 | 3-1-7-9-5 | |
| **Total score** | **DSBtotal** | |

Start time [____:____]     End time [____:____]     Duration [____:____]

**General intellectual ability (Verbal)**

| | *INFORMATION SCALE* | | scores | score |
|---|---|---|---|---|
| **Trial** | **Questions (sample answers in the brackets)** | codes | | |
| **1** | How many legs does a dog have? <br> Embwa elina amagulu ameka? (4) | **INFO1** | 0/1 | |
| **2** | Name two kinds of coins (money?) 2 marks <br> Mbulirayo ebika byabinusu bibiri. (e.g. cow, or fish, or kikumi or bibiri or bitano, or lukumi) 1 mark | **INFO2** | 0-2 | |
| **3** | How do you cook posho? (flour+hot water+mingle+ fire) 1 mark for each <br> Mbulira bwebafumba akawunga. (obuwunga+ amazzi agookya+goya+ fumba) | **INFO3** | 1-4 | |
| **4** | Name one type of fish? (e.g. nkejje, nkolongo, mpuuta, ngege, mukene, mamba) <br> Mbulirayo ebyenyanja kyomanyi kimu. | **INFO4** | 0/1 | |
| **5** | How do you make porridge? (flour+water+stir +fire) 1 mark each <br> Obuugi babufumba batya? (obuwunga+ amazzi+tabula+ fumba) | **INFO5** | 0-4 | |
| **6** | What do you use to make a mat? (e.g. nsansa, byaayi, straws) <br> Emikeeka bagiluka muki? | **INFO6** | 0/1 | |
| **7** | What do you do to avoid diseases? (e.g. bathe, brush, wash hands before eating, sleep under a net, eat well) <br> Okola otya okwewala endwadde? | **INFO7** | 0/1 | |
| **8** | What should you do if you are left alone and afraid at home for a whole day (score 2 points)? (e.g. I lock myself in the house, I ran to the neighbors, I call a friend to stay around, I go to police) any security strategy. <br> Okola otya nga bakulesse ewaka wekka ate nga otyawo? | **INFO8** | 0/1 | |
| **9** | Who is the president of Uganda? (Yoweri Kaguta Museveni) any one is correct. <br> President wa Uganda y'ani? | **INFO9** | 0/1 | |
| **10** | Where are people treated when they are sick? (mu dwaliro) <br> Abalwadde babajanjabirawa? | **INFO10** | 0/1 | |
| **11** | Who is the Kabaka of Buganda? (Ronald Muwenda Mutebi) any one is correct <br> Kabaka wa Buganda yani? | **INFO11** | 0/1 | |
| **12** | Where do ants live? (mu kiswa) <br> Enswa zibeera wa? | **INFO12** | 0/1 | |
| **13** | What do you say when someone gives you something nice? (thank you) <br> Ogamba otya nga omuntu akuwadde ekintu ekirungi? (webale) | **INFO13** | 0/1 | |
| **14** | What do you do when you hurt someone? <br> Okola otya nga onyiziiza munno? (sorry/ nsonyiwa, wetonda) | **INFO14** | 0/1 | |
| **15** | What do you do after visiting the toilet? <br> Okola otya nga ovudde mu tooyi/kabuyonjo)? Onaaba mungalo | **INFO15** | 0/1 | |
| **16** | How many days in a week do you go to school? <br> Mu wiiki tugenda kusomero ennaku meka?(5) | **INFO16** | 0/1 | |
| **17** | Where do we go to pray? <br> Tugenda wa okusaba? (church, kanisa, klezia, mosque, muzigiti) | **INFO17** | 0/1 | |
| **18** | How many days make a week? <br> Mu wiiki mulimu ennaku meka?( 7) | **INFO18** | 0/1 | |
| **19** | How many months make a year? <br> Mu mwaka mulimu emyezi emeka?(12) | **INFO19** | 0/1 | |
| **20** | Name one means of transport <br> Mbulira yo entambula emu?(eryato, amazzi, enyonyi,emotoka) | **INFO20** | 0/1 | |
| **21** | Name any two building materials. <br> Mbulirayo ebintu bibiri byetukozesa mu kuzimba (musenyu, mbaawo, subi, mabaati) | **INFO21** | 0/1/2 | |
| **22** | Name people who keep peace and security <br> Mbulira abantu abakuuma eddembe. (Chairman, BMU, LC, defence) | **INFO22** | 0/1 | |
| **23** | Name any two wild animals and any two domestic animals. | **INFO23** | 0/1/2/3/4 | |

| | | | | |
|---|---|---|---|---|
| | Mbulira ensolo ezomunsiko biri, nezisangibwa awaka biri. Munsiko- engo, enkima; ezewaka e.g kappa, ente, embuzi, endiga, akamyu, embwa) | | | |
| 24 | Name any one use of chicken<br>Mbulira omugaso gwenkoko gumu. (Eggs, meat,money) | **INFO24** | 0/1 | |
| 25 | Name things we find in the classroom.<br>Mbulira ebintu ebibeera mu kibiina/class. (chairs, desks, chalk, blackboard, charts) | **INFO25** | 0/1 | |
| 26 | Why do we go to school?<br>Lwaki tugenda kusomero? (Okusoma , tufuuke ba e.g doctor, teacher etc) | **INFO26** | 0/1 | |
| 27 | Who heads a school?<br>Akulira essomero bamuyita batya?(headmaster, headmistress, director) | **INFO27** | 0/1 | |
| 28 | What is your religious name?<br>Mbulira erinya lyo eryediini. | **INFO28** | 0/1 | |
| 29 | Which animal is used for hunting?<br>Nsoloki eyeyambisibwa mu kuyigga? (Mbwa) | **INFO29** | 0/1 | |
| | Total Score | **INFO total** | | |

Start time [____:____]    End time [____:____]    Duration [____:____]

## General Intellectual Ability (nonverbal)

### PATTERN CONSTRUCTION TASK

| Item | Drawing | S | O | Duration (secs) |
|---|---|---|---|---|
| Sample | | | | |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |

| 9 | | | | |
|---|---|---|---|---|

Apply the discontinue rule for trials below

| Item | Drawing | S | O | Duration (secs) |
|---|---|---|---|---|
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 | | | | |
| 17 | | | | |
| Total S | | | | |
| Total O | | | | |

Start time [_____:_____]     End time [_____:_____]     Duration [_____:_____]

## Delay Inhibition

| *DELAY DISCOUNTING TASK* | | | | |
|---|---|---|---|---|
| **Trial** | **Task** | **codes** | **score** | |
| **1** | A small colored  pencil now or a long colored pencil after 3 mins | **DDT1** | 0/1/2/3 | |
| **2** | A short pencil now or a long pencil after 3 mins | **DDT2** | 0/1/2/3 | |
| **3** | A small wrapped gift now or a large wrapped gift after 3 mins | **DDT3** | 0/1/2/3 | |
| **4** | The sweets and cards game. | **DDT4** | 0/1/2/3 | |
| **Total score** | | **DDT total** | | |

Start time [_____:_____]       End time [_____:_____]       Duration [_____:_____]

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

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