UGANDA NATIONAL EXAMINATIONS BOARD

CONTINUOUS ASSESSMENT OBSERVATION CHECKLIST

545 CHEMISTRY

Senior 3, Term 2

Centre/CA No: ..... **Year:** .....

Learner's Name: ..... **Learner ID:** .....

Instructions to the facilitator:

1. This observation checklist contains **one** competency, which **must** be assessed by the end of this term.
2. Please **tick** against the indicator(s) the learner has exhibited at every level assessed.
3. Record the **number of indicators observed** in the boxes provided at the end of each level for **Subject Competency (SC)** and **Generic Skill (GS)**.
4. Indicate **N/A** if the learner has not been assessed for a particular level(s).

Theme:	Using Equations in Chemistry.
Topic:	Formulae, Stoichiometry, and Mole Concept.
Learning Outcome(s):	Practice scientific attitudes in investigating matter.
Subject Competency (SC):	Appreciates scientific attitudes and values in investigating matter.
Generic Skill (GS):	Cooperation and self-directed learning.
Learning Domain:	Receiving

Level 1: Receiving

Subject Competency (SC): The learner, receives information on scientific attitudes and values (validity, honesty, flexibility, integrity, persistence, responsibility, objectivity, accountability, reproducibility, collaboration, open-mindedness, empiricism) in the investigation of matter from the teacher, peers, and lab technician, through:

- Listening.
- Taking notes.
- Reading some articles/book(s)/science journals.
- Consulting others.

Generic Skill (GS): The learner receives information on co-operation and self-directed learning skills (working effectively in diverse teams, interacting effectively with others, taking responsibility for own learning, working independently with persistence, and managing goals and time) concerning scientific attitudes and values in investigating matter, through:

- Listening to the message being delivered on co-operation and self-directed learning.
- Reads about co-operation and self-directed learning.
- Watching video clip about co-operation and self-directed learning.
- Consulting others.

Level 1 Indicators	
SC	**GS**

Level 2: Responding

Subject Competency (SC): The learner reacts to the information received on scientific attitudes and values (validity, honesty, flexibility, integrity, persistence, responsibility, objectivity, accountability, reproducibility, collaboration, open-mindedness, empiricism) in the investigation of matter, by:

- Asking relevant questions.
- Responding to questions posed.
- Researching to get more information.
- Making notes.

Generic Skill (GS): The learner, reacts to the information received on co-operation and self-directed learning skills (working effectively in diverse teams, interacting effectively with others, taking responsibility for own learning, working independently with persistence, and managing goals and time) in relation to scientific attitudes and values in investigating matter, by:

- Asking relevant questions.
- Responding to questions posed.
- Researching to obtain more information.
- Making notes.

Level 2 Indicators	
SC	**GS**

Level 3: Valuing

Subject Competency (SC): The learner, appreciates scientific attitudes and values (validity, honesty, flexibility, integrity, persistence, responsibility, objectivity, accountability, reproducibility, collaboration, open-mindedness, and empiricism) in investigating matter, by practicing:

- Validity
- Honesty
- Flexibility
- Integrity
- Persistence
- Responsibility
- Objectivity
- Accountability
- Reproducibility
- Collaboration
- Open-mindedness
- Empiricism

Generic Skill (GS): The learner exhibits co-operation and self-directed Learning skills in relation to scientific attitudes and values in investigating matter, by:

- Working effectively in diverse teams.
- Interacting effectively with others.
- Taking responsibility for own learning.
- Working independently with persistence.
- Managing goals and time.

Level 3 Indicators	
SC	**GS**

Level 4: Organisation

Subject Competency (SC): The learner influences others to appreciate scientific attitudes and values in investigating matter, by:

- Advocating for the practice of scientific attitudes and values.
- Supporting other learners in practicing scientific attitudes and values.
- Encouraging other learners to practice scientific attitudes and values.
- Sensitising other learners on scientific attitudes and values.

Generic Skill (GS): The learner, influences others in the exhibition of co-operation and self-directed learning skills (working effectively in diverse teams, interacting effectively with others, taking responsibility for own learning, working independently with persistence) in relation to scientific attitudes and values in investigating matter, by:

- Advocating for co-operation and self-directed learning.
- Supporting/helping others in exhibiting co-operation and self-directed learning.
- Rewarding others for exhibiting cooperation and self-directing learning.
- Reprimanding those who do not want to engage in co-operation and self-directed learning.

Level 4 Indicators	
SC	**GS**

Level 5: Characterisation

Subject Competency (SC): The learner, consistently appreciates scientific attitudes and values in investigating matter and practices, by practicing:

- Validity
- Honesty
- Flexibility
- Integrity
- Persistence
- Responsibility
- Objectivity
- Accountability
- Reproducibility
- Collaboration
- Open-mindedness
- Empiricism

Generic Skill (GS): The learner consistently demonstrates co-operation and self-directed learning skills about scientific attitudes and values in investigating matter:

- Working effectively in diverse teams.
- Interacting effectively with others.
- Taking responsibility for own learning.
- Working independently with persistence.
- Managing goals and time.

Level 5 Indicators	
SC	**GS**