

UGANDA NATIONAL EXAMINATIONS BOARD CONTINUOUS ASSESSMENT OBSERVATION CHECKLIST 545 CHEMISTRY

Senior 3, Term 3

Centre/CA No:	Year:
Learner's Name:	Learner ID:
end of this term.2. Please tick against the indicator(s)	one competency, which must be assessed by the the learner has exhibited at every level assessed. observed in the boxes provided at the end of each and Generic Skill (GS).
4. Indicate N/A if the learner has not	been assessed for a particular level(s).
Theme: Topic: Learning Outcome(s): Subject Competency (SC): Generic Skill (GS): Learning Domain:	Fuel and energy. Chemical reaction rates. 1. Understand and appreciate that chemical reactions take place at different rates. 2. Understand the effect of various factors on the rate of chemical reactions and recognise that many reactions are reversible. Carries out investigation on the effect of external conditions on the rate of reactions. Critical thinking and problem-solving skills. Psychomotor.
Subject Competency (SC): Imitating	el 1: Imitation the teacher/peer/video clip/laboratory estigation on the effect of external conditions
☐ States and writes the experiment's as ☐ Identifies the independent variable, or	

☐ Identifies the dependent variable, correctly.

 □ Identifies the controlled variable correctly. □ States and writes the experiment's hypothesis, using relevant/ke □ Lists all the relevant apparatus/materials required for the experi 	ment.	
 □ Writes the procedure of carrying out the experiment coherently/I □ Identifies and writes the risk(s)/error(s)/source(s) of error(s) in the carried out. 		ent to be
 □ States and writes the precaution(s)/mitigation(s) to the identified □ Carries out the experiment following the stated procedure. □ Presents/records data in a logical format. 	l error(s).	
 □ Records data accurately/within error limit/margin. □ Carries out data analysis using appropriate methods. □ Interprets data correctly. 		
☐ Draws an appropriate conclusion based on the interpretation ma	ıde.	
Generic Skill (GS): Imitating the teacher/peer/video clip/labor etc., exhibiting critical thinking and problem-solving skills, the		ınician,
□ Plans and carries out investigations on the effect of external concreactions.		
□ Sorts and analyses information on the effect of external condition reactions.	ns on the r	ate of
☐ Identifies problems and ways forward concerning the effect of extended the rate of reactions.	ternal cond	litions on
□ Predicts outcomes and makes reasonable decisions concerning to conditions on the rate of reactions.		
□ Evaluates different solutions concerning the effect of external correactions.	nditions on	the rate
	Level 1 I	idicators
	SC	GS
Level 2: Manipulation		
-	• •	,
Subject Competency (SC): Following instructions from the teach clip/laboratory technician, etc., to carry out an investigation external conditions on the rate of reaction, the learner:		
 □ States and writes the experiment's aim/purpose using relevant/. □ Identifies the independent variable, correctly. □ Identifies the controlled variable correctly. 	keywords.	
☐ Identifies the controlled variable correctly.		

	States and writes the experiment's hypothesis, using relevant/ke Lists all the relevant apparatus/materials required for the experiment apparatus/	iment.	
	Writes the procedure of carrying out the experiment coherently/ Identifies and writes the risk(s)/error(s)/source(s) of error(s) in the carried out.		ent to be
	States and writes the precaution(s)/mitigation(s) to the identified Carries out the experiment following the stated procedure.	l error(s).	
	Presents/records data in a logical format. Records data accurately/within error limit/margin.		
	Carries out data analysis using appropriate methods. Interprets data correctly.		
	Draws an appropriate conclusion based on the interpretation ma	ade.	
cl	eneric Skill (GS): Following instructions from the teacher/pe lip/laboratory technician, etc., to exhibit critical thinking an kills, the learner:	=	-solving
	Plans and carries out investigations on the effect of external con reactions.	ditions on	the rate of
	Sorts and analyses information on the effect of external condition reactions.	ns on the r	ate of
	Identifies problems and ways forward concerning the effect of ex the rate of reactions.	ternal cond	litions on
	Predicts outcomes and makes reasonable decisions concerning to conditions on the rate of reactions.	he effect of	external
	Evaluates different solutions concerning the effect of external coreactions.	nditions or	the rate o
		Level 2 I	ndicators
		SC	GS
	Level 3: Precision		
Si	ubject Competency (SC): Carrying out an investigation on the	effect of	external
C	onditions on the rate of reaction, independently and with misearner:		
	States and writes the experiment's aim/purpose using relevant/ Identifies the independent variable, correctly.	keywords.	
	Identifies the dependent variable, correctly.		
	Identifies the controlled variable correctly		

 □ States and writes the experiment's hypothesis, using relevant □ Lists all the relevant apparatus/materials required for the experiment with the procedure of carrying out the experiment coherent □ Identifies and writes the risk(s)/error(s)/source(s) of error(s) is carried out. □ States and writes the precaution(s)/mitigation(s) to the identi □ Carries out the experiment following the stated procedure. □ Presents/records data in a logical format. □ Records data accurately/within error limit/margin. □ Carries out data analysis using appropriate methods 	periment. ly/logically. n the experim	ent to be
□ Carries out data analysis using appropriate methods.□ Interprets data correctly.		
□ Draws an appropriate conclusion based on the interpretation	made.	
Generic Skill (GS): Exhibiting critical thinking and problem- independently while investigating the effect of external con reaction, the learner:		
☐ Plans and carries out investigations on the effect of external or reactions.		
□ Sorts and analyses information on the effect of external condi reactions.	tions on the r	ate of
\Box Identifies problems and ways forward concerning the effect of the rate of reactions.	external cond	ditions on
 Predicts outcomes and makes reasonable decisions concerning conditions on the rate of reactions. Evaluates different solutions concerning the effect of external reactions. 		
	Level 3 I	ndicators
	SC	GS
Level 4: Articulation		
	.1 00 . 0	
Subject Competency (SC): Carrying out an investigation on conditions on the rate of reaction correctly and innovativel		
 □ States and writes the experiment's aim/purpose using relevant □ Identifies the independent variable, correctly. □ Identifies the dependent variable, correctly. □ Identifies the controlled variable correctly. □ States and writes the experiment's hypothesis, using relevant 	, ,	

	Lists all the relevant apparatus/materials required for the experiment writes the procedure of carrying out the experiment coherently/Identifies and writes the risk(s)/error(s)/source(s) of error(s) in the carried out.	logically.	ent to be
	States and writes the precaution(s)/mitigation(s) to the identified Carries out the experiment following the stated procedure. Presents/records data in a logical format. Records data accurately/within error limit/margin. Carries out data analysis using appropriate methods. Interprets data correctly.	l error(s).	
	Draws an appropriate conclusion based on the interpretation ma	ade.	
a	eneric Skill (GS): Exhibiting critical thinking and problem-sol ccurately & innovatively while investigating on the effect of e n the rate of reaction, the learner:	_	
	Plans and carries out investigations on the effect of external concreactions.	ditions on t	he rate of
	Sorts and analyses information on the effect of external condition reactions.	ns on the ra	ate of
	Identifies problems and ways forward concerning the effect of extended the rate of reactions.	ternal cond	itions on
	Predicts outcomes and makes reasonable decisions concerning t conditions on the rate of reactions.	he effect of	external
	Evaluates different solutions concerning the effect of external correactions.	nditions on	the rate o
		Level 4 In	dicators
		SC	GS
	Level 5: Naturalisation		
	ubject Competency (SC): Carrying out an investigation on the onditions on the rate of reaction, with ease, the learner:	e effect of	external
	States and writes the experiment's aim/purpose using relevant/s. Identifies the independent variable, correctly. Identifies the dependent variable, correctly. Identifies the controlled variable correctly. States and writes the experiment's hypothesis, using relevant/ket Lists all the relevant apparatus/materials required for the experiment.	eywords.	

Writes the procedure of carrying out the experiment coherently/logically.
☐ Identifies and writes the risk(s)/error(s)/source(s) of error(s) in the experiment to be carried out.
☐ States and writes the precaution(s)/mitigation(s) to the identified error(s).
☐ Carries out the experiment following the stated procedure.
☐ Presents/records data in a logical format.
☐ Records data accurately/within error limit/margin.
☐ Carries out data analysis using appropriate methods.
☐ Interprets data correctly.
\square Draws an appropriate conclusion based on the interpretation made.
Generic Skill (GS): Exhibiting critical thinking and problem-solving skills while investigating on the effect of external conditions on the rate of reaction with ease,
the learner:
the learner:□ Plans and carries out investigations on the effect of external conditions on the rate of reactions.
☐ Plans and carries out investigations on the effect of external conditions on the rate of
 □ Plans and carries out investigations on the effect of external conditions on the rate of reactions. □ Sorts and analyses information on the effect of external conditions on the rate of
 □ Plans and carries out investigations on the effect of external conditions on the rate of reactions. □ Sorts and analyses information on the effect of external conditions on the rate of reactions. □ Identifies problems and ways forward concerning the effect of external conditions on
 □ Plans and carries out investigations on the effect of external conditions on the rate of reactions. □ Sorts and analyses information on the effect of external conditions on the rate of reactions. □ Identifies problems and ways forward concerning the effect of external conditions on the rate of reactions. □ Predicts outcomes and makes reasonable decisions concerning the effect of external

Level 5 Indicators	
SC	GS