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TERM THREE WEEKLY LESSON NOTES – B7

		WEEK 9								
Week Ending: 11th NOV, 2022	Yeek Ending: 11th NOV, 2022 DAY: Subject		Subjec	t: Computing						
Duration: 60mins Strand			: Computational Thinking							
Class: B7	Class Si	ize:	Sub Strand: Artificial Ir			telligence				
Content Standard: B7.4.4.1. Discuss Artificial intelligence concepts Indicator: B7.4.4.1.1 Discuss the areas of artificial intelligence concepts				application of various igence Lesson:						
Performance Indicator: Learners can discuss the application of various areas of artificial intelligence					Core Competencies: CC8.1: DL6.5					
Reference: Computing Curriculum P.g										
Keywords: Artificial intelligence, machine	learning, no	eural networks, v	irtual real	ity, augn	nented reality	, gamifica	ition			
Activities Foul couning 9 Accesses				Pass		Duogu				
Activities For Learning & Assessment	ent			Resources		Progression				
F					Computer/lapto p, internet source		Learners will be able to; Compare the key technologies such as machine learning, Artificial Neural Networks (ANN), virtual reality, augmented reality, gamification, deep learning, data mining. Discuss the uses and importance of Artificial			
you can engage them to write a docume explored using the virtual reality. Assessment Leaners must investigate the things hum reasoning that computer/artificial intelligence of the property	nan intellige gence cann doning to fi	ence can do in to	erms of				ence (AI)			

• Leaners must investigate the things human intelligence can do in terms of reasoning that computer/artificial intelligence cannot do.

Cross-Curriculum Links/Cross-Cutting Issues

None

Potential Misconceptions/Student Learning Difficulties

Learners may not easily understand the concepts and terminologies under programming

Week Ending: 11th NOV, 2022	DAY:		Subject: Computing		
Duration: 60mins			Strand: Computational Thinking		
Class: B7	Class Size:		Sub Strand: Artificial Intelligence		
Content Standard: B7.4.4.1. Discuss Artificial intelligence concepts			cuss the application of various	Lesson:	

Performance Indicator:

Core Competencies:

Learners can discuss the application of various areas of artificial intelligence

CC8.1: DL6.5

Reference: Computing Curriculum P.g. 22

Keywords: Artificial intelligence, machine learning, neural networks, virtual reality, augmented reality, gamification

Activities For Learning & Assessment	Resources	Progression
Starter (5 mins)	Computer/lapto	Learners will be
	p, internet	able to;
Revise with learners to review their understanding in the previous	source	Compare the key
lesson.		technologies such
		as machine
Share performance indicators and introduce the lesson.		learning, Artificial
		Neural
Main (35 mins)		Networks
Main (33 mins)		(ANN), virtual reality,
Divide the emerging technologies under artificial intelligence and show a		augmented
short video (1-5 mins) or documentary on the principles of operation to		reality,
generate classroom interaction.		gamification,
		deep learning,
Consider each emerging technology and discuss the history, principle of		data mining.
operation, real-world applications, advantages and disadvantages in		
society		Discuss the uses
		and importance
Where the technology is available, allow learners to use. For example,		of Artificial
you can engage them to write a documentary or report on specific sites		Intelligence (AI)
explored using the virtual reality.		to society
Assessment		
Leaners must investigate the things human intelligence can do in terms of		
reasoning that computer/artificial intelligence cannot do.		
Reflection (10 mins)		
Use peer discussion and effective questioning to find out from learners		
what they have learnt during the lesson.		
Take feedback from learners and summarize the lesson.		
Take reedback from rearriers and summarize the resson.		<u> </u>

Homework/Project Work/Community Engagement Suggestions

 Leaners must investigate the things human intelligence can do in terms of reasoning that computer/artificial intelligence cannot do.

Cross-Curriculum Links/Cross-Cutting Issues

None

Potential Misconceptions/Student Learning Difficulties