FIRST TERM
WEEKLY LESSON NOTES
WEEK 6

Week Ending: 10-11-2023		DAY:		Subject: Computing	
Duration: 60mins				Strand: Introduction To Computing	
Class: B9		Class Size:		Sub Strand: Technology In The Community	
Content Standard: B9.1.2.1. Demonstrate the Use of Technology in the Community		Indicator: B9.1.2.1.2. Propose solutions to the problems identified			Lesson: 1 of 2
Performance Indicator: Learners can propose tech-based solutions to address specific community challenges.				Core Competencies: Communication and Collaboration (CC), Digital Literacy (DL)	
New words	Technology, Solution, Community, Innovation				
Reference: Computing Curriculum Pg. 43					

Activities For Learning & Assessment	Resources	Progression
Starter (5mins) Show a brief video or presentation that highlights a community problem solved with technology (e.g., a mobile app addressing waste collection). Ask learners: "What problem was addressed in the video? How did technology help solve it?" Share performance indicators and introduce the lesson. **Main (35mins)** Revise with learners to brainstorm and list problems they observe in their community. Each group presents their list to the class, and common problems are noted. Guide learners to propose solutions to the problems identified. Using the list of common problems, groups will now brainstorm and propose technological solutions to these problems. For example, if one problem is "lack of timely public transportation," a solution could be "a real-time bus tracking app." Groups should consider the feasibility of their solutions, potential challenges, and the impact on the community. Each group will then present their tech-based solutions to the class. <u>Assessment</u> 1. Name one problem in the community you discussed today. 2. How can technology be a powerful tool in solving community challenges?	Pictures and videos	Proposing technological solutions to the problems identified in the community.

3. Provide an example of a technological solution to a community problem you've learned about today. 4. Why is it important to ensure that technological solutions are accessible to everyone in the ***Reflection (10mins)*** 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.		

Homework/Project Work/Community Engagement Suggestions

- Ask learners to interview family members or neighbors about problems they face in the community that might be addressed with technology.
- Learners can then draft a brief proposal on how they would tackle one of these problems using a tech solution.

Cross-Curriculum Links/Cross-Cutting Issues

None

Potential Misconceptions/Learner Learning Difficulties

None

Week Ending: 10-11-2023	DAY:		Subject: Computing	
Duration: 60mins			Strand: Introduction To Computing	
Class: B9		Class Size:	Sub Strand: Technology In The Community	
Content Standard: B9.1.2.1. Demonstrate the Use of Technology in the Community		Indicator: B9.1.2.1.3. Design the solution selected		Lesson: 2 of 2
Performance Indicator: Learners can design technological solutions to address problems they've identified in their community.			Core Competencies: Communication and Collaboration (CC), Digital Literacy (DL)	
New words	Technology, Solution, Community, Innovation, Feasibility, Impact			
Reference: Computing Curriculum Pg. 43				

Activities For Learning & Assessment	Resources	Progression
Starter (5mins) Show a short video or a news clip of a problem a community faced and the technological solution they implemented. Ask learners to discuss how technology was useful in addressing that problem. Share performance indicators and introduce the lesson. **Main (35mins)** In groups, learners brainstorm and list down problems they observe in their community. Each group presents their list to the class. Common problems are highlighted and noted down. Using the common problems list, each group now brainstorms potential tech-based solutions. Guide the learners to think about feasibility, potential challenges, and the potential impact of their proposed solutions. Once solutions are brainstormed, each group chooses one solution to focus on. They'll design or outline the solution in more detail. This can include drawing a prototype, outlining how it works, or explaining the benefits. Each group presents their designed technological solution, explaining the problem it addresses, how it works, its feasibility, potential challenges, and its potential impact on the community.	Pictures and videos	Proposing technological solutions to the problems identified in the community.

Assessment		
1. What is one problem your group identified in the community? 2. Describe the technological solution your group designed. 3. What is one potential challenge your solution might face? 4. How will your solution have a positive impact on the community? ***Reflection (10mins)*** 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.		

Homework/Project Work/Community Engagement Suggestions

- What is one problem your group identified in the community?
- Describe the technological solution your group designed.
- What is one potential challenge your solution might face?
- How will your solution have a positive impact on the community?

Cross-Curriculum Links/Cross-Cutting Issues

None

Potential Misconceptions/Learner Learning Difficulties

None