

## **EaD Comprehensive Lesson Plans**



or



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### **BASIC 9**

### **WEEKLY LESSON PLAN – WEEK 4**

Strand:	Socio-Economics Development		Sub-Strand:	Science and Technology	
Content Standard:	B9.5.4.1.Analyse the contribution of science and technology to national development				
Indicator (s)	B9.5.4.1.1. Examine how science and technology can be used to promote development		Performance Indicator: Learners can identify the problems of science and technology in Ghana.		
Week Ending	02-02-2024				
Class	B.S.9	Class Size:		Duration:	
Subject	Social Studies				
Reference	Social Studies Curriculum, Teachers Resource Pack, Learners Resource Pack, Textbook.				
Teaching / Learning Resources	Poster, Word Chart, Pictures, Video.		Core Competencies:	<ul style="list-style-type: none"><li>Critical Thinking and Problem Solving</li><li>Communication and Collaboration.</li></ul>	
DAY/DATE	PHASE 1 : STARTER	PHASE 2: MAIN			PHASE 3: REFLECTION
MONDAY	Learners brainstorm to compare Ghana’s technology level to that of developed countries.	<div>1. Briefly talk about Ghana’s digitalization agenda.</div> <div>2. Discuss with the Learners about e-payment platforms in Ghana.</div> <div>3. Assist Learners to identify 5 importances of e-payment platforms in Ghana.</div> <div>4. Discuss with the Learners about the problems of science and technology in development of Ghana.</div> <div>Problems of Science and Technology in development of Ghana;</div> <div>1. Apathy on the part of the Leaders: In developed societies or aspiring to be, the people are usually encouraged by the political leaders to embrace science and technology, to do better, and to bring the country into the road map. This encouragement is expressed through the overt acts of the leaders which could be by way of scholarships, promoting skills by funding people, establishing schools to promote technological developments.</div> <div>2. Little or no Funds: It is no secret that a lot of innovative Ghanaian have ideas which if implemented would put the country on the radar of excellence. However, these people are handicapped, limited due to little or no funds. There is no organization seeking to help with funding certain technological projects in Ghana.</div>			Learners in small groups to discuss and report to the class about the problems impeding the development of science and technology in Ghana.  Exercise;  Explain 5 problems impeding the development of science and technology in Ghana.

		<p><b>3. Lack of Motivation:</b> The average Ghanaian is not motivated to stride towards innovation and technology. This is because he or she is aware of the economic state of the country, knows that without work there would be little or no food or even money for upkeep. Hence, they offer courses which they think are profitable upon graduation.</p> <p><b>4. Poverty:</b> This is the major cause of the low rate of technology and science in Ghana. A lot of Nigerians live below the dollar value per day. Sometimes a whole family feeds below the value of one dollar in Ghana.</p>	
<b>FRIDAY</b>	Through questions and answers, review Learners knowledge on the previous lesson.	<ol style="list-style-type: none"> <li>1. Discuss with the Learners about ways of promoting science and technology in Ghana.</li> <li>2. Demonstrate on how to apply or use the knowledge in science and technology to solve a problem.</li> <li>3. Assist Learners to identify the scientific processes for solving a problem.</li> </ol> <p><b>Scientific Processes for solving a Problem;</b></p> <ol style="list-style-type: none"> <li>1. Observation</li> <li>2. Data collection</li> <li>3. Empirical analysis of the collected data</li> <li>4. Derivation of insight (assuming that the solution is not evident from the data analysis)</li> <li>5. Synthesis of insights and data</li> <li>6. Development of hypothesis</li> <li>7. Design of experiment</li> <li>8. Experiment (at which point, one observes the results of the experiment, which is back to the first step, and the process repeats)</li> </ol> 	Learners brainstorm to identify a problem in the school and use the knowledge acquired in science and technology to solve it.

Name of Teacher:

School:

District: