

SECOND TERM LESSON PLAN

SCIENCE – B7

WEEK 2

Date: 20 th MAY, 2022	DAY:	Subject: Science
Duration: 50MINS		Strand: Systems
Class: B7	Class Size:	Sub Strand: The Human Body Systems
Content Standard: B7.3.1.1 Show an understanding of the concept of food, and the process of digestion and appreciate its importance in humans	Indicator: B7.3.1.1.3 Identify the end product of digestion of starchy, protein and oily foods and explain how absorption of the digested food occurs in humans	Lesson:
Performance Indicator: Learners can identify the end product of digestion		Core Competencies: DL 5.1: CP 5.1: DL 5.1: DL 6.6: CP 5.8: CP 5.1.:
References: Science Curriculum Pg.18		
Phase/Duration	Learners Activities	Resources
PHASE 1: STARTER	<p>Revise with learners on the previous lesson, using questions and answers.</p> <p>Introduce the lesson by sharing the performance indicators.</p>	
PHASE 2: NEW LEARNING	<p>Engage learners to discuss the processes involved in digestion. Example: physical and chemical process.</p> <p>Observe and describe how digested food is absorbed into the body of humans using animation.</p> <p>Learners to discuss the digestion of food in the mouth and the stomach.</p> <p>Have learners to identify the role of saliva in digestion. Example: Saliva contains an enzyme known as salivary amylase which breaks down starch into maltose or sugar.</p> <p>Draw a flow chart to show how starch is digested to sugar, protein is digested to amino acids and oils are digested into fatty acids in the stomach.</p> <p>Perform practical tests on food: starch, glucose, protein and fats and oils.</p> <p><u>Assessment</u></p> <p>I. Define the following terms</p> <ol style="list-style-type: none"> Ingestion Digestion Egestion 	<p>Illustrations, the human body charts, etc.</p>

	2. Briefly describe how digestion of food takes place in the stomach.	
PHASE 3: REFLECTION	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.	

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Phase/Duration	Learners Activities	Resources
PHASE 1: STARTER	<p>Revise with learners on the previous lesson, using questions and answers.</p> <p>Introduce the lesson by sharing the performance indicators.</p>	
PHASE 2: NEW LEARNING	<p>Observe and describe how digested food is absorbed into the body of humans using animation.</p> <p>Learners to discuss the digestion of food in the small intestine and the big intestine.</p> <p>Have learners to identify the role of enzymes in digestion. Example: Pancreatic amylase, pancreatic lipase and protease.</p> <p>Draw a flow chart to show how starch is digested to sugar, protein is digested to amino acids and oils are digested into fatty acids in the small intestine and the big intestine.</p> <p>Perform practical tests on food: starch, glucose, protein and fats and oils.</p> <p>Guide learners to describe what happens to the end products of digestion in humans</p> <p>Mention the end products of digestion.</p> <p>Explain that the end products of digestion are absorbed into the blood stream. Detailed treatment of absorption not required.</p> <p>Guide learners to discuss how the end-products of digestion are used in the body.</p> <p>Learners to discuss how undigested food substances are removed from the body.</p>	<p>Illustrations, the human body charts, etc.</p>

	<p><u>Assessment</u></p> <ol style="list-style-type: none"> 1. Mention the end products of the following <ol style="list-style-type: none"> a. Protein digestion b. Carbohydrate digestion c. Fats and oil digestion 2. List in order, the parts of the digestive system of humans. 3. Describe briefly what happens to a morsel of kenkey in the mouth during eating. 4. What are digestive enzymes? 5. Mention any three examples of digestive enzymes. 	
<p>PHASE 3: REFLECTION</p>	<p>Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson.</p> <p>Take feedback from learners and summarize the lesson.</p>	