

FIRST TERM
WEEKLY LESSON NOTES
WEEK 5

Week Ending: 10-02-2023	DAY:	Subject: Science
Duration: 100mins		Strand: Systems
Class: B8	Class Size:	Sub Strand: Mammalian Tooth
Content Standard: B8. 3.1.1 Demonstrate knowledge of parts of mammalian tooth and the functions of the different types of teeth in relation to feeding in man		Indicator: B8.3.1.1.1 Identify parts of a mammalian tooth
Performance Indicator: Learners can identify parts of a mammalian tooth		Lesson: 1 of 1
Core Competencies: DL 5.3: CI 6.8: DL 5.1: CI 6.6:		
References: Science Curriculum Pg. 59		

Phase/Duration	Learners Activities	Resources
PHASE 1: STARTER	<p>Revise with learners on the previous lesson.</p> <p>Ask learners to mention some common insects in their home and why they dislike them.</p> <p>Share learning indicators and introduce the lesson.</p>	
PHASE 2: NEW LEARNING	<p>Brainstorm learners to explain the dentition.</p> <p>Dentition refers to the shape, number and the arrangement of in the teeth mouth of an animal</p> <p>Have learners understand that the type of dentition in an animal is mainly suited [adapted] to the animal's mode of feeding.</p> <p>Guide learners to discuss the types of dentition in mammals. Homodont dentition and Heterodont dentition</p> <p>Learners talk about the milk [deciduous teeth] and the permanent [wisdom] teeth.</p> <p>Guide learners to draw and label parts of a mammalian tooth.</p> <div style="text-align: center;"> </div> <p>In groups, learners discuss the three parts of the mammalian tooth.</p> <ul style="list-style-type: none"> • The crown is the part of the tooth which is crown found above the gum • The is the part of the tooth which is root embedded in the jaw bone • The is the region [part] of the tooth neck where the crown meets the root 	Pictures and Charts

	<p>Guide learners to explain the functions of each part of the mammalian tooth of humans.</p> <ul style="list-style-type: none"> • <i>The enamel is the outermost layer of the enamel tooth which forms the biting surface of the crown. It is the most hardest material in the human body.</i> • <i>The dentine is the layer of the tooth which is found beneath the enamel. It forms a greater part of the tooth.</i> • <i>The pulp cavity is a region within the tooth where the blood vessels are found.</i> • <i>The gum is the flesh that holds the crown and the root together.</i> • <i>The jaw bone contains the sockets that serve as a basement for the tooth.</i> • <i>The cement is the adhesive substance that holds the tooth firmly in the jawbone and also to the periodontal fibers and membranes</i> <p><u>Assessment</u> Draw a well labelled mammalian tooth. State and explain the types of dentition with examples. What is dentition?</p>	
<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>	

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Class: B8	Class Size:	Sub Strand: Mammalian Tooth
Content Standard: B8. 3.1.1 Demonstrate knowledge of parts of mammalian tooth and the functions of the different types of teeth in relation to feeding in man	Indicator: B8.3.1.1.2 Discuss the functions of the different types of teeth such as incisors, canines, premolars, and molars.	Lesson: 1 of 1
Performance Indicator: Learners can discuss the functions of the different types of teeth	Core Competencies: DL 5.3: CI 6.8: DL 5.1: CI 6.6:	
References: Science Curriculum Pg. 59		

Phase/Duration	Learners Activities	Resources
PHASE 1: STARTER	<p>Revise with learners on the previous lesson.</p> <p>Ask learners to mention some common insects in their home and why they dislike them.</p> <p>Share learning indicators and introduce the lesson.</p>	
PHASE 2: NEW LEARNING	<p>Discuss the functions of the different types of human teeth.</p> <p>Types of teeth</p> <ul style="list-style-type: none"> • Incisors- The incisors are the front row teeth and are used for cutting food. • Canines- The canines are conical edged in shape and are used for shearing flesh from bones • Molars and Premolars- they have broad surfaces with some tiny projections on them called cups. They are used for grinding food. <p>Engage learners to draw the different types of teeth.</p> <p>Assessment State one function of each of the following 1) Incisors 2) Canines 3) Molars 4) Premolars</p>	Pictures and Charts
PHASE 3: REFLECTION	<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>	