

Year 7-SCIENCE

DISTANCE LEARNING WEEKLY PLAN - WEEK 23

Subject	Science	Mode of teaching
Class/ Division	Year 7 A-F	
Week	23 (31st Jan to 4th Feb)	
No. of lessons	4	
Unit	Unit 7C Muscles and Bones	
Lesson 1	<p>Chapter 7Ca - Muscles and Breathing Learning Objectives: How do Muscles help with gas exchange Learning outcome:</p> <ul style="list-style-type: none"> • Describe how muscles in the gas exchange system allow ventilation. • Describe what happens during the gas exchange in the lungs. <p>Task 1. List the differences between breathing and ventilation. 2. List the step by step process of breathing.</p> <p>Resources Answer the Questions in pages 38-39 Active learn Text Book Exploring Science 7 Active learn presentation, Relevant pages in the work book.</p>	Zoom Session
Lesson 2	<p>Chapter 7Cb - Muscles and Blood Learning objectives: How muscles help in the circulation of blood cells. Learning out come-</p> <ul style="list-style-type: none"> • Describe the functions of the different parts of the human double circulatory system. • Describe the functions of the different parts of the blood and where these parts are made. <p>Task Investigation – Evaluating Fitness</p> <p>Resources Active learn presentation Answer Question and Answers pages 40-41;Work sheets pages.</p>	Zoom Session
Lesson 3	<p>Chapter 7Cc - The Skeleton Learning Objectives: Functions of the Skeleton Learning outcome:</p> <ul style="list-style-type: none"> • Describe the functions of different bones in the humans • Describe some kinds of joints <p>Task Self study : Students learn the lesson on their own. Question and answers (Pages 44 - 45) discussed in the class.</p> <p>Resource Active learn Text Book Exploring Science 7 Active learn presentation, Work sheets,</p>	Zoom session
Lesson 4	Work sheets of 7C a 7C b and 7C c are discussed and answers shared in GC. Answers posted for difficult questions.	Google classroom

Note: Students to answer all the text book questions in the note book.

Subject	Science	Mode of teaching
Class/ Division	Year 8 A-F	
Week	23 (31st Jan to 4th Feb)	
No of lessons	4	
Unit	8 C- Breathing and Respiration	
Lesson 1	<p>Chapter 8 Ca- Aerobic Respiration LO: What is Aerobic Respiration?</p> <p>Learning Outcomes:</p> <ul style="list-style-type: none"> • Recall what happens in aerobic respiration. • Write the word equation for aerobic respiration. • Suggest how aerobic respiration is like burning. • Explain one way in which aerobic respiration and combustion are different. <p>Task Complete the text book questions 5, 6 & 7 and Science workbook question 2 /page 28</p> <p>Resources Active learn slides and PowerPoint. Text book Exploring Science (Active Learn) Science workbook</p>	Zoom lesson
Lesson 2	<p>Chapter 8Cb -Gas Exchange system</p> <p>LO: How are gases exchanged in the lungs.</p> <p>Learning Outcomes:</p> <ul style="list-style-type: none"> • Recall the functions of the organs in the gas exchange system. • Explain how the structure of the lungs allows efficient gas exchange. • Explain why gas exchange can be reduced in smokers. <p>Task Complete the text book questions. Text book Exploring Science (Active Learn) Pages 40 and 41 Active learn slides and PowerPoint. Text book Exploring Science (Active Learn) Science workbook</p> <p>Resources Homework: Science workbook pages 29 & 30</p>	Zoom lesson

<p>Lesson 3</p> <p>Task</p> <p>Resource</p>	<p>Chapter 8Cb- Means and ranges LO: How are means and ranges calculated and why do we use them?</p> <p>Learning Outcomes:</p> <ul style="list-style-type: none"> • Recall why means and ranges are used. • Calculate means and ranges. <p>Read the text book pages 42 and 43 and Complete the Science workbook page 31 and 32</p> <p>Active learn slides and PowerPoint. Text book Exploring Science (Active Learn) Science workbook</p>	<p>Google classroom</p>
<p>Lesson 4</p> <p>Task</p> <p>Resources</p>	<p>Chapter: 8Cc -Getting Oxygen Lo: How does oxygen get from the lungs to the rest of our bodies?</p> <p>Learning Outcomes:</p> <ul style="list-style-type: none"> • Describe the effects of exercise on breathing and heart beat rates. • Describe how substances reach respiring cells from the blood and how waste products are returned to the blood. • Describe the causes, and explain the effects of, reduced oxygen supply on the body. <p>Complete the text book questions 8Cc /pages 44- 45</p> <p>Active learn slides and PowerPoint. Text book Exploring Science (Active Learn) Science workbook</p>	<p>Zoom Lesson</p>