

ASCOT HIGH SCHOOL
DEPARTMENT OF SCIENCE
GRADE 9 BIOLOGY


TERM 1: SEPTEMBER-DECEMBER 2025

National Goals: Jamaica Has A Healthy Natural Environment

Jamaicans are Empowered To Achieve their Fullest Potential.

Unit	Duration	Topic	Specific Objectives	Suggested Teaching and Learning Activities	Assessment/ Practical Activities
<i>Orientation Activities& Diagnostic Test: September 1-12</i>					
Living Organisms in The Environment	2 weeks Sept.15-26	Characteristics of Living Organisms	Students should be able to: 1. List and explain the seven characteristics of Living Organisms.	<p>1.Go on a Treasure Hunt to find at least two examples of non-living and living organisms.</p> <p>2.State the living and non-living things found and explain why the organisms found are considered living.</p> <p>3.Watch a YouTube video entitled “Sing Along Mrs. Gren” Video Link: https://www.youtube.com/watch?v=fsBntXXGbqA</p> <p>Video Link: https://www.youtube.com/watch?v=lb_3SNPSLP0&t=131s</p> <p>After viewing the YouTube Videos, list and explain the seven characteristics</p>	<p>Practice Questions: LIVEWORKSHEETS:</p> <p>https://www.liveworksheets.com/worksheets/en/Science/Living_things/Characteristics_of_Living_Things_no1315795xz</p> <p>https://es.liveworksheets.com/worksheets/en/Science/Living_things/Characteristics_of_Living_Things_qh2466761ju</p> <p>HOMEWORK (10%) Google Quiz on Characteristics of Living Organisms</p>

Unit	Duration	Topic	Specific Objectives	Suggested Teaching and Learning Activities	Assessment/ Practical Activities
Living Organisms in The Environment	4 weeks Sept. 29- Oct.24	Classification of Living Organisms	<p>1. Formulate a definition for the term classification.</p> <p>2. Group living organisms found in a named natural habitat based on observed similarities and differences. (Grouping is based on visible characteristics such as hairiness, colour, shape, venation, number of legs and wings, body segmentation)-Simple Classification.</p> <p>3. State that Modern Classification system, uses DNA sequences to determine ancestry.</p>	<p>1. Go on a Nature Walk to observe and note features of animals and plants. Take samples of different leaves from plants where necessary (be responsible environmentalists).</p> <p>2. Learners will work in groups and share their samples with other groups. Discuss distinguishing features.</p> <p>3. Discuss that classification is based on visible characteristics, such as hairiness, colour, shape, venation, number of legs and wings, and body segmentation of organs found in both plants and animals as appropriate. Common names of organisms and groups are acceptable.</p>	<p>PRACTICAL BASED ACTIVITY: Work in groups to classify organisms based on similarities and differences.</p> <p>CLASSWORK (10%) Worksheet on Classification.</p>

			4. Classify organisms into taxonomic groups based on physical similarities.	4. Outline the order of classification of humans from kingdom to species (include the scientific name of human as <i>homo sapiens</i>) 5. Define the term species.	<p>Classification of Humans</p> <ul style="list-style-type: none"> • Kingdom Animalia • Phylum Chordata • Class Mammalia • Order Primates • Family Hominidae • Genus <i>Homo</i> • Species <i>sapiens</i> 
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NATIONAL HEROES DAY & MID-TERM BREAK -OCTOBER 16-20

SESSIONAL TEST ONE (20%)

Unit	Duration	Topic	Specific Objectives	Suggested Teaching and Learning Activities	Assessment/ Practical Activities
Living Organisms in The Environment	2 Weeks Nov. 3-14	The Five Kingdoms	Classify living organisms into five kingdoms.	<p>1. Present pictures of different organisms to classify into FIVE Kingdoms as Plants, Animals, Fungi, Prokaryotes (Bacteria) and Protocista.</p> <p>Video Link: Five Kingdom Song 5⁰ https://www.youtube.com/watch?v=fYMilV11ybw</p>	<p>Practice Questions</p> <p>https://www.liveworksheets.com/worksheet/en/natural-science/1473507</p> <p>GRADED CLASSWORK (10%) Quizizz Worksheet</p>

				<p><u>Video Link:</u> https://www.youtube.com/watch?v=SIbFuiCfkr8&t=300s</p> <p>2. Write brief notes on each Kingdom based on the Videos.</p>	
	2 Weeks Nov.17-28	Classification of Animals	Classify animals as vertebrates or invertebrates	<p>Classify Chordata (Vertebrates) as Reptiles, Birds, Amphibians, Mammals and Fish.</p> <p><u>YouTube Videos on Vertebrates</u></p> <p>https://www.youtube.com/watch?v=P9ptHACIC4Q</p> <p>https://www.youtube.com/watch?v=HQdiSMUZEDA&t=106s</p>	<p>PRACTICE QUESTIONS</p> <p>https://www.liveworksheets.com/worksheets/en/Science/Vertebrates_and_invertebrates/Vertebrates_and_Invertebrates_pk2368954hf</p> <p>SESSIONAL TEST 2 (20%)</p> <p>Research Project</p> <ul style="list-style-type: none"> -Definition of Vertebrates (2 marks) -Features of the Five Types of Vertebrates (10 marks) -Examples (5 marks) - Pictures included (5 marks) -Cover page (1)

					- Creativity (1) -Neatness (1) Revision Google Quiz (10%) .
DECEMBER 1-16REVISION & END OF YEAR EXAMINATION					

