

I. GENERAL COURSE INFORMATION

ACADEMIC LEVEL: A 1.2

AREA: Science

GRADE: Ninth Grade

ACADEMIC YEAR: 2021 - 2022

TEACHER: Nathan Marquez C.

ACADEMIC PROFILE: By the end of the school year, each learner of the assigned level will be able to develop scientific thinking skills in order to achieve intellectual flexibility, inquiry spirit and critical thinking by demonstrating curiosity to understand, classify and justify the processes, structures and the functions of living organisms that enable them to survive, reproduce and carry out the basic functions of life led by a sense to explore the environment that surrounds them and to value nature as a result of understanding the interactions between living beings and the physical environment.

Learners will appreciate the importance of scientific training, the values and attitudes of scientific thought, and adopt a critical and grounded attitude to the major problems that today are the relations between science and mankind as well as society.

II. CONTENT

OVERVIEW UNIT	DATE
<p>Chapter 1 – Introduction to Living Things –</p> <ul style="list-style-type: none"> ✓Lesson 1: What is Life? ✓Lesson 2: Level of organization. ✓Lesson 3: Classifying Life. ✓Lesson 4: Domains and Kingdoms. ✓Unit's Quiz. ✓Online Practical. <p style="text-align: center;">Mid -Term Exam</p>	<p>May - June</p>
<p>Chapter 1 – Introduction to Living Things –</p> <ul style="list-style-type: none"> ✓Lesson 5: Evolution and Classification. <p>Chapter 2 – Virus, Bacteria, Protists and Fungi –</p> <ul style="list-style-type: none"> ✓Introductory Unit: Microorganisms ✓Lesson 1: Viruses. ✓Lesson 2: Bacteria. ✓Lesson 3: Protists. ✓Lesson 4: Fungi ✓Unit's Quiz. ✓Unit's project <p style="text-align: center;">Mid -Term Exam</p>	<p>June - July</p>

<p>Chapter 3 – Plants –</p> <ul style="list-style-type: none"> ✓Lesson 1: What is a Plant? ✓Lesson 2: Classifying Plants. ✓Lesson 3: Plant Structures. ✓Lesson 4: Plant Reproduction. ✓Lesson 5: Plant responses and growth. ✓Lesson 6: Plants in Everyday Life. ✓Unit's Quiz ✓Unit's project <p style="text-align: center;"><i>Review and examination week</i></p>	<p style="text-align: center;">August - September</p>
<p>Chapter 4 – Getting Around –</p> <ul style="list-style-type: none"> ✓Lesson 1: Skeletons and Muscles. ✓Lesson 2: The Nervous System. ✓Lesson 3: Animal Movement. ✓Unit's Quiz. ✓Unit's project. <p style="text-align: center;"><i>Mid - Term Exam</i></p>	<p style="text-align: center;">October - November</p>
<p>Chapter 5 – Introduction to Animals –</p> <ul style="list-style-type: none"> ✓Lesson 1: What is an Animal? ✓Lesson 2: Animal Body Plans. ✓Lesson 3: Introduction to Invertebrates. ✓Lesson 4: Introduction to Vertebrates. ✓Lesson 5: Vertebrate Diversity ✓Unit's Quiz <p style="text-align: center;"><i>Mid - Term Exam</i></p>	<p style="text-align: center;">November - December</p>

<p>Chapter 6 – Obtaining Energy –</p> <ul style="list-style-type: none">✓Lesson 1: How Animals Obtain and Digest Food.✓Lesson 2: How Animals Obtain Oxygen.✓Lesson 3: Circulation and Excretion.✓Unit`s project <p>Chapter 7 – Animal Reproduction and Behavior –</p> <ul style="list-style-type: none">✓Lesson 1: Animal Reproduction and Fertilization.✓Lesson 2: Development and Growth.✓Lesson 3: What is behavior?✓Lesson 4: Patterns of Behavior.✓Unit`s project: I`m an ethologist. <p style="text-align: center;"><i>Review for evaluation week</i></p>	<p>January – February</p>
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