

I.- GENERAL COURSE INFORMATION

ACADEMIC LEVEL: A2

AREA: Science

GRADE: Tenth 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 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 society.

II.- CONTENT

OVERVIEW UNIT	DATE
<p>Chapter 1 - Populations and communities –</p> <ul style="list-style-type: none"> ✓ Lesson 1: Living things and the environment. ✓ Lesson 3: Interaction among living things. ✓ Lesson 2: Populations. ✓ Lesson 4: Changes in communities. ✓ Unit’s Quiz. <p>Chapter 2 – Ecosystems and Biomes –</p> <ul style="list-style-type: none"> ✓ Lesson 1: Energy flow in Ecosystems. ✓ Lesson 2: Cycles of matter. ✓ Lesson 3: Biomes Populations - Part I - ✓ Unit’s Quiz. <p style="text-align: center;">Mid -Term Exam</p>	<p>May - June</p>
<p>Chapter 2 – Ecosystems and Biomes –</p> <ul style="list-style-type: none"> ✓ Lesson 3: Biomes Populations – Part II - ✓ Lesson 4: Aquatic systems. ✓ Lesson 5: Biogeography. ✓ Unit’s Quiz. 	<p>June - July</p>

<p>Chapter 3 – Resources and living things –</p> <ul style="list-style-type: none"> ✓ Lesson 5: Biodiversity. ✓ Lesson 4: Forest and Fisheries. ✓ Lesson 3: Human Population Growth. ✓ Unit’s Quiz <p style="text-align: center;"><i>Mid -Term Exam</i></p>	
<p>Chapter 3 – Resources and Living things –</p> <ul style="list-style-type: none"> ✓ Lesson 2: Introduction to Natural Resources. ✓ Lesson 1: Introduction to Environmental issues. ✓ Unit’s Quiz <p>Chapter 4 – Land, Air and Water Resources –</p> <ul style="list-style-type: none"> ✓ Lesson 1: Conserving Land and Soil. ✓ Lesson 2: Waste Disposal and Recycling. ✓ Lesson 3: Air pollution and Solutions. ✓ Lesson 5: Ocean Resources. ✓ Unit’s Quiz ✓ Unit’s project <p style="text-align: center;"><i>Review and examination week</i></p>	<p>August - September</p>
<p>Chapter 4 – Land and Water Resources –</p> <ul style="list-style-type: none"> ✓ Lesson 4: Water pollution and solutions. ✓ Unit’s Quiz – Case study - <p>Chapter 5 – Energy Resources –</p> <ul style="list-style-type: none"> ✓ Lesson 1: Fossil fuels. ✓ Lesson 2: Alternatives sources of Energy ✓ Lesson 3: Energy use and Conservation ✓ Unit’s Quiz ✓ Unit’s project <p style="text-align: center;"><i>Mid - Term Exam</i></p>	<p>October – November</p>

<p>Chapter 6 – Human Body Systems –</p> <ul style="list-style-type: none"> ✓ Lesson 1: Introduction to Body systems. ✓ Lesson 2: The Skeletal System and Muscular System ✓ Unit’s Quiz ✓ Lesson 3: The Circulatory and Respiratory System ✓ Lesson 4: The Digestive System <p style="text-align: center;"><i>Mid - Term Exam</i></p>	<p>November - December</p>
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<p>Chapter 6 – Human Body Systems –</p> <ul style="list-style-type: none"> ✓ Lesson 4: The Excretory System. ✓ Lesson 5: The Nervous and Endocrine System. ✓ Lesson 6: The Circulatory and Respiratory System. ✓ Lesson 4: The Reproductive System. ✓ Unit’s Quiz. ✓ Unit’s project <p style="text-align: center;"><i>Review for evaluation week</i></p>	<p>January – February</p>
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