

**Colegio San Antonio
Isabela, Puerto Rico
Science Department**

***Science Syllabus
Six Grade 2017- 2018***

Text: Science Fusion, HMH (2012)

Module A; Cells and Heredity

Module B; The Diversity of Living Things

Teacher: Mrs. Lebrón

Description: *Welcome to 6th Science class.* During this science course the students will acquire knowledge, capacities, values and aptitudes all of which will be reflected in a serious and responsible relationship between the student and its natural environment. This class provides many opportunities for students to develop and maintain the essential skills that form the basis for scientific inquiry.

Class objective: During this science class the student will have the opportunity to develop lifelong useful skills. This class is intended to emphasize the nature of science and make connections among science, technology, and society. It will inspire students to explore science on their own.

Specifics objectives:

- Explain the components of the scientific theory of cells.
- Discuss the chemical makeup of living things.
- Compare the structure and function of a cell parts in plant and animal cells.
- Describe the different levels of organization in living things.
- Explain the important processes that organisms undergo to maintain stable internal conditions.
- Explain how cells capture and release energy.
- Describe the necessities of life and the characteristics of living things.
- Describe the role of genetic and environmental factors in the theory of evolution by natural selection.
- Describe the evidence that supports the theory of evolution by natural selection.
- Describe evolution of the Earth, using the geologic time scale.
- Describe how living things can be grouped by shared characteristics.

Content:

- Cells
- Reproduction and Heredity
- The Diversity of Living Things
- Life over Time
- Earth's Organisms

Time: The estimated time for each lesson will depend in the disposition y capacity of each student and the entire group.

General classroom rules

- Respect yourself, the teacher and others
- Be prepared for class each day
- Follow directions when given
- Pay attention, participate and ask questions
- Preserve a positive learning environment
- No food or drink, except water
- Arrive to class on time & ready to learn
- Use polite and appropriate language
- Put your best effort at all time

Evaluation:

- 4 – 5 Partial test
- One final test (20% of final grade value)
- One grade for notebook, conduct and class participation.
Points will be given to homework handled on time and for classroom Works finished during the class. If a student is absent for sickness or another excused reason he should bring the homework the next day when he return to school in order to obtain the loosen points. It does not exist reposition for notebook classroom works that has been loosen.
- One grade for quizzes or pop quizzes.
- **Any repositions will follow the rules established on page 20 in “Manual: Reglamento y Agenda (2017-2018).”**

Conduct: Each student will be evaluated taking in consideration the following aspects:

- Follow all rules in the School's Manual
- Respect the teacher and others
- Follow the classroom rules
- Pay attention without interruptions others
- Follow directions
- Respect private property
- Stay seated during class

The class grade will be scored following the standard curve:

100 – 90	A
89 – 80	B
79 - 70	C
69 - 60	D
59 – 0	F

Any student that requires reasonable accommodation should make a request to the social worker in school.

I will appreciate your support and effort during this academic year. I hope my students will enjoy Science!

Acknowledgement of Receipt

I, _____, parent/guardian of student _____, acknowledge receipt of the Science course syllabus. I have reviewed it and agree with its dispositions.

Students Signature

Class _____

Parent/Guardian's Signature

Date