



Course Descriptors
2019 - 2020
Semester 2

General Science
Mathayom 5



EIP Mathayom Course Description Second Year

Subject: General Science
Grade: Mathayom 5
Periods: 2

Department: Science
Course Code: SC32106
Credit: 1.5

Course Material:

No Book Required

Course Description:

The second year of General Science will focus on Earth Science and Astronomy. The students' engagement in the classroom will consist mainly of project-based learning tools and methods in order to facilitate open questioning and hands-on understanding. In the second semester, the course will begin with connecting the prior themes of specific life on Earth to the abiotic factors that help to sustain and transform life. This semester will lead the students through Astronomy.



EIP Mathayom Course Outline Second Semester

The Earth, Sun, Moon system

- The shape of the Earth
- The size of the Earth
- Distance and size of the Sun and Moon
- The Moon

The Sun, our star

- Size and Structure
- How the Sun works

Stellar Evolution

- The Evolution of a star
- Star Formation
- Main-sequence stars
- Giant stars
- Death of Stars like Sun

The Solar system

- Components of the Solar System
- Origin of the Solar System
- Terrestrial Planets
- Outer Planets
- Meteors, Asteroids, and Comets

Galaxies

- Discovering Galaxies
- Measuring Properties of Galaxies
- Dark Matter



EIP Mathayom Evaluation and Grading
Second Semester

Breakdown of Grades

Criteria	3 rd quarter	4 th quarter	Total
Homework	5%	5%	10%
Participation	5%	5%	10%
Behavior	5%	5%	10%
Labs/Group Work	5%	5%	10%
Tests/Quizzes	20%	20%	40%
Final Examination		20%	20%
Total	40%	60%	100%