

## Future Doctor

The Academic Enrichment Program is considered to be one of the most important universal methods used to enrich the knowledge of talented students in STEM fields. In collaboration with the world's best places of expertise in talent and creativity, Mawhiba designed the courses to fit and challenge the students participating in the program. Mawhiba also aims to increase the depth and diversity of the scientific courses as students advance in education level and participate year after year .

Mawhiba also included interpersonal skill development as part of the program's main goals. To ensure students build their character and personality alongside their academic education, some of these include innovative thinking, cyber safety, Logical reasoning, and other important modern-day skills.

### Course Description

The "Future Doctor" course is one of the courses that fall under Medical, Biological and Chemical Sciences pathways. We all know that our skin helps us determine whether the shower is too hot or not, and that our nose alarms us if the milk is spoiled. But, do you know how our bodies can do that?

Students in this course will learn about science through observations we see in our daily lives. Either in a real lab or virtual lab, students will explain the sensory organs, understand the concept of sensory perception, identify the types of cells that form the sensory system, how these cells communicate with the brain, and how they can deceive the brain with illusions and expectations.

Students will use scientific methods to build their hypotheses, collect data from their classmates, and formulate their answers to questions about sense, cognition, and the brain. At the end of this course, students will gain an understanding of the key concepts in biological sciences and be able to work in groups or individually to investigate more about life and science.

## Acquired Skills

Students will be building and developing their academic and personal skills such as "teamwork, problem solving, reading and analyzing scientific literature, listening and understanding, as well as other important skills, that are taught using an educational kit provided by specialized tutors:

- 1.cyber safety.
2. active learning strategies.
- 3.Flexibility.
- 4.Solving complex problems.

## What to Expect When Taking this Course

- An in-depth scientific material.
- Practical activities and scientific projects.
- Skills development.

## Course's Calendar

Key dates					
#	Program's start & end dates	Start	End	Start	End
1	Session 1	3/11/1442	21/11/1442	13/6/2021	1/7/2021