

Probability and Data interpretation

Enrichment programs are one of the most important global methods used to enrich the knowledge of gifted students. From this point of view, Mawhiba has designed specialized scientific enrichment units representing 75% of the program, enriching students' knowledge and experiences and challenging their abilities in a number of scientific fields, in cooperation with the best international expert houses in the field of Talent and creativity, provided with progressive levels of knowledge; With the aim of continuing to build quality cumulative scientific experiences, which increase in depth and diversity as students progress in participation year after year.

As well as for the importance of the skill aspect, Mawhiba allocated 25% of the summer enrichment program, and therefore a set of skill bags were designed that are concerned with building the basic and important life skills of gifted students, which contribute to the development of personal, social and innovative skills that keep pace with the skills of the twenty-first century such as future vision and digital security. leadership, social influence and other skills .

What is the Probability and Data interpretation unit?

Students at this unit shall contribute to developing a greater and broader understanding of probability and statistics issues for gifted middle school students. They are two important areas of mathematics whose concepts are easy to apply in everyday life outside of the classroom.

Unit objectives

Students shall explore basic concepts in probability and the use of numerical data to predict future events and develop strategies for counting the number of possible outcomes of different events. They shall develop the

ability to think critically about the concept of chance, and they appreciate the importance of applying the concept of probabilities in life.

Furthermore, students will conduct experiments, generate data, present the same in tables, and represent them graphically to facilitate comparison, interpretation, and judgment. For example, students may use existing data sources such as newspapers and magazines, and they can give examples of data that were incorrectly collected or misrepresented and used to mislead consumers or influence people's opinions on various issues, as well as studying and predicting the relationship between variables.

The skills that students will acquire

Students will be able to build and develop basic skills, such as “teamwork, problem solving, reading and analyzing scientific literature, demonstrating understanding through oral and written communication, in addition to a number of targeted skills, which are provided through training packages appropriate to the age group, provided by Specialized and trained staff, including:

- Future vision.
- Digital security.
- Leadership and social influence.

Program components

- A specialized enrichment scientific unit.
- Practical activities and scientific projects.
- Skill activities.