

Minds in Exploration

About the little scientist

The Little Scientist is a scientific literacy program aimed at introducing children between the ages of 4 and 12+ to the wonderful and awe inspiring world of science. Through the use of an integrated and interactive spiral syllabus specifically designed to engage kids, the program seeks to instill in them a lifelong love for learning and a passion for the processes of scientific inquiry and discovery.

Hands on lesson plans expose children to activities that are designed to build their scientific literacy and provide a smooth transition into academic endeavours. The program covers a range of disciplines such as mathematics, logic, planetary sciences, physics, biology, chemistry and an array of other applied sciences.

Program Objectives

- 👧 Expose children to fundamental scientific terms and concepts
- 8 Foster confidence and a capacity for self-learning in the study of scientific fields
- Increase children's capacity for reasoning, logical thought, critical thinking and problem solving
- Teach children the scientific approach to questioning and determining answers an important life skill that speaks to the curiosity in children and their innate need to make sense of the world around them

Breed confidence in a child's capability to think independently

Use a wide range of interactive and multimedia resources to engage children and enhance learning

Program Content

Module 1: Foundations of Science

Students get acquainted with fundamental terminology, concepts and tools used in scientific pursuits.

Measurement techniques are introduced and developed into quantitative and qualitative data analysis frameworks. Differences between living organisms and non-living things, plants and animals on cellular and multicellular levels are discussed, with an emphasis on developing an appreciation for the diversity of living things. Students are taught the scientific method, use of common science apparatus and laboratory safety protocols.

Module 2: Earth & Space

A favorite among kids everywhere, this module takes students on an exciting exploration of our solar system. Basic concepts in geology and geography are introduced and built upon to achieve an understanding of the diversity of living things and how it all fits together in the form of intricate ecosystems.

Module 3: The Physical World

Students are introduced to basic concepts in physics across a variety of topics which include forces and motion, heat and thermodynamics, electricity and magnetism as well as light. Emphasis is placed on the development of visual representation of data through graphs and more advanced use of calculators.

Module 4: Biology & Chemistry

Students are exposed to atomic theory and the elements of the periodic table. Basic reactions are reviewed and related to fundamental biochemical functions within living organisms. The structure and function of cells in both the plant and animal kingdom sets the stage for the introduction of basic anatomy and physiology in living organisms.

Module 5: Applied Sciences

Perhaps the most exciting of all, module five focuses on taking previously learnt concepts and exploring their applications across applied fields of scientific study. The unit explores topics in psychology, anthropology, archaeology, geography, forensic science, paleontology, engineering, systems thinking, economics, law and epidemiology.





Location

We are located in Kuwait Scientific Center -Discovery Place, Al Blajat Street 22036.

Working Hours Sunday – Thursday 3 PM – 7:30 PM Saturday 10 AM until 6 PM We are closed on Fridays.

Contacts

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