



science xplorers

Education • Innovation • Creation

EDUCATION



Exciting experiments to demonstrate science principles



Interactive online or In-Center



Maximise school performance

SCIENCE SPIES

Ages 6-10 years

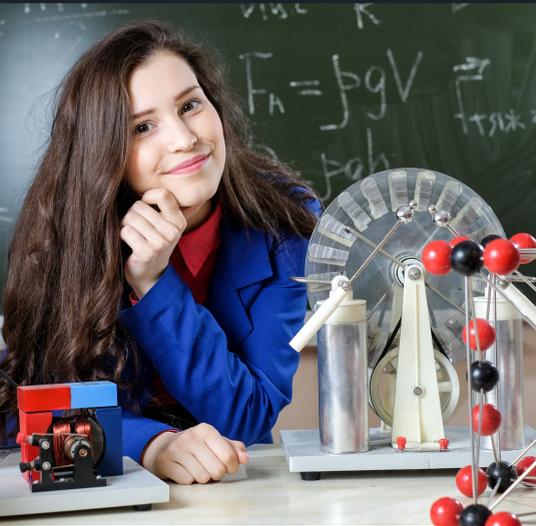
In Science Spies, we aim to enlighten children in the age group 6 – 10 years with the basic concepts of science by using stimulating activities and exciting experiments, such as momentum with dinky cars or how water changes from liquid to solid.



FANTASTIC PHYSICS

Ages 11-17 years

Physics is at the core of the universe and the laws of nature. Everything around us is made up of materials of varying composition (what we can touch and see) and it all works on the fundamentals of forces and energy (which we can't always touch and see).



CHEMISTRY MYSTERY

Ages 11-17 years

We all experience Chemistry everyday whether it is baking a cake or why it tastes so good, as these are all based on chemical reactions. Chemistry helps us in the identification of the substances of which matter is composed; their properties and the ways in which they interact, combine, and change.



BIOLOGIC

Ages 11-17 years

Biologic is our way of studying Biology - simply but logically. It tells us about humans, plants, animals and really the entire world around us! Without biology, we wouldn't have treatments, cures, and vaccines for many diseases.



ROBOTICS

Ages 5-17 years

"Your hands know more than you think they know"!! When children look at the world from a scientific lens, it becomes both a marvel and an opportunity to make something of that marvel. This perspective turns our Robotics 2.0 Lab into an innovation hub where both marvel and opportunity flourish.



COMPUTER PROGRAMMING

Ages 5-17 years

Programming is now a part of almost everything around you. Your fridge has it, your tap was probably designed on a computer program, your clothes tags were set up in a database, the currency notes you use were designed in a highly complex layered design program. Learn coding and become a genius!





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The Backstory

Value of STEM Education

Research has shown that Science, technology, engineering and mathematics (STEM) education helps prepare children with varied interests to move into any industry career and have valuable skill sets that allow them to be successful.

Explorers, Investigators, Innovators

At Science Xplorers we help children to understand science in the most practical way possible through engaging workshops that bring science to life. We set our students on the path of wondrous exploration and as they progress they become “instinctive investigators”. They acquire the ability to think critically and become creative, which is the basis of Innovation. It is an established fact that Innovation is the basis of economic growth.

21st Century Skills

STEM-based education teaches children more than science and mathematics concepts. The focus on hands-on learning with real-world applications helps develop a variety of skill sets, including creativity and 21st-century skills.

21st-century skills include media and technology literacy, productivity, social skills, communication, flexibility and initiative. Other skills attained through STEM education include problem solving, critical thinking, creativity, curiosity, decision making, leadership, entrepreneurship, acceptance of failure and more. Regardless of the future career path considered by these children, these skill sets go a long way to preparing them to be innovative.

Email us: info@scienceexplorers.com

www.scienceexplorers.com



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050 5528993