



MOLECULAR®

# ABOUT MOLECULAR

**Molecular Doha has been in operation for over 6 years delivering STEAM related programs to thousands of youthful minds.**

**Our aim is to make science relevant to young minds today so they can change the world tomorrow.**

**We strive to teach kids how everything around us comes from Science. Our modern educational philosophy aims to achieve innovation and excellence, helping us deliver the best programs in Qatar to schools and individuals.**

**Living up to our slogan “Activating Curious Minds”, we ensure that our programmes make an unforgettable impact on the next generation of innovators. Molecular brings together the enlightenment of knowledge and education with the power and impact of communication. Through the developed art of storytelling and engaged problem solving, education is delivered more effectively by teachers and embraced more enthusiastically by students.**



# MOLECULAR SCIENCE



MOLECULAR<sup>®</sup>

**We believe science is about solving all of the worlds problems big or small. This foundation programme introduces our students to the relevance of science using many interesting and relevant scenarios from surviving in the wild to the hidden world of magic and wonder, with many fun and engaging experiments that teach us about all the mysteries of the world around us and how to unlock their secrets. This programme is for ages 4-14 years.**





# MOLECULAR CHEFS AND GASTRONOMY

We explore the science behind cooking from building flavours to mastering cooking techniques. In this experiment style programme, our children eat what they make and learn to look at food from a scientific perspective as they develop the skills and the joy of cooking, earning them the title of Molecular Chef. Our Chefs programme is for ages 4-14 years.





# FORENSIC DETECTIVES



Every story of every movie has a beginning, middle and an end. As a Crime scene detective, we start our story from the end and begin piecing together the clues using the wonders of Forensic Science and all our detective senses, from our eyes, ears, hands and most importantly our minds to uncover the crime story as it happened.

Imagine you step into a room and observe a crime scene; as young apprentice detectives it is our job to uncover the truth... but we'll have to be quick because we only have one hour to find out what happened!

Analysing fingerprints, psychological profiling and high tech tools such as microscopes, lie detectors to name a few. In our search for the criminal culprit. Our Detective programme is for ages 5-16 years.



# MOLECULAR CODERS



Students experience the science behind computer softwares, apps and games. Learning how to code using different programmes such as Swift, Python and Javascript. Getting familiar with fundamental skills alongside maths and reading. Children then have the opportunity to code drones, create their own games and apps

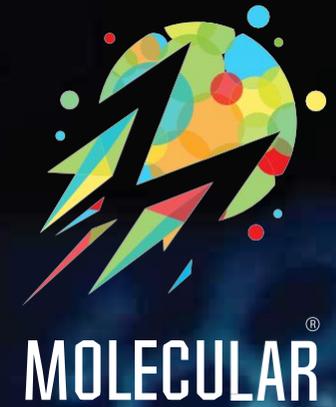
all through coding. A revolutionary approach where we make the science of today, the technology of tomorrow.

Ages 5-7yrs through to ages: 8-16





# MOLECULAR ENGINEERING



Teaching young inventors by bringing science and art together to understand the physical aspects of electronic engineering and creating fun and functional gadgets from limited components.

Bringing science, technology, engineering and crafting to build on that curiosity by teaching Design Technology concepts through hands-on learning and design making.

Using physics to create simple circuits and understanding electrical currents through all of our workshops.

**Ages: 8-16**





# MOLECULAR SPORT ACTIVITIES

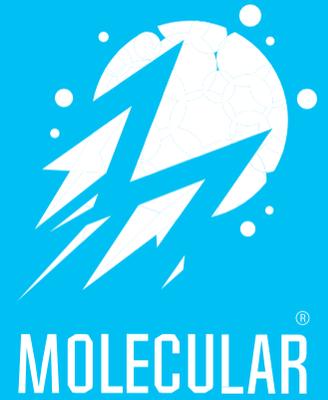
**We also provide sport activities such as beginners gymnastics for children aged 1-6 years and Parkour for all ages!**

**Molecular not only focuses on the mind of science but also the human science, both gymnastics and parkour are fantastic for developing gross and fine motor skill, development of strong healthy bodies, growing the physical foundation kids need for a healthy life.**



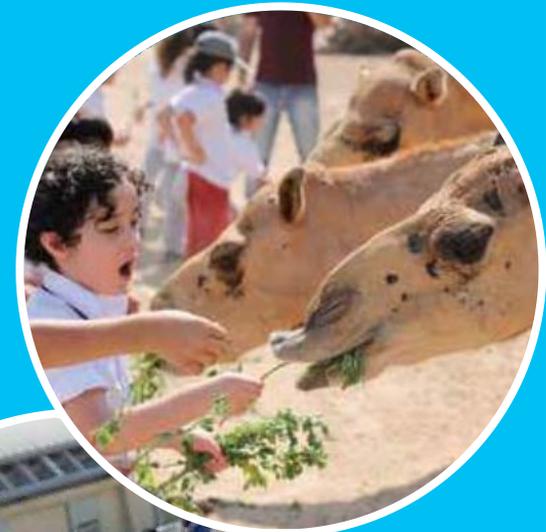


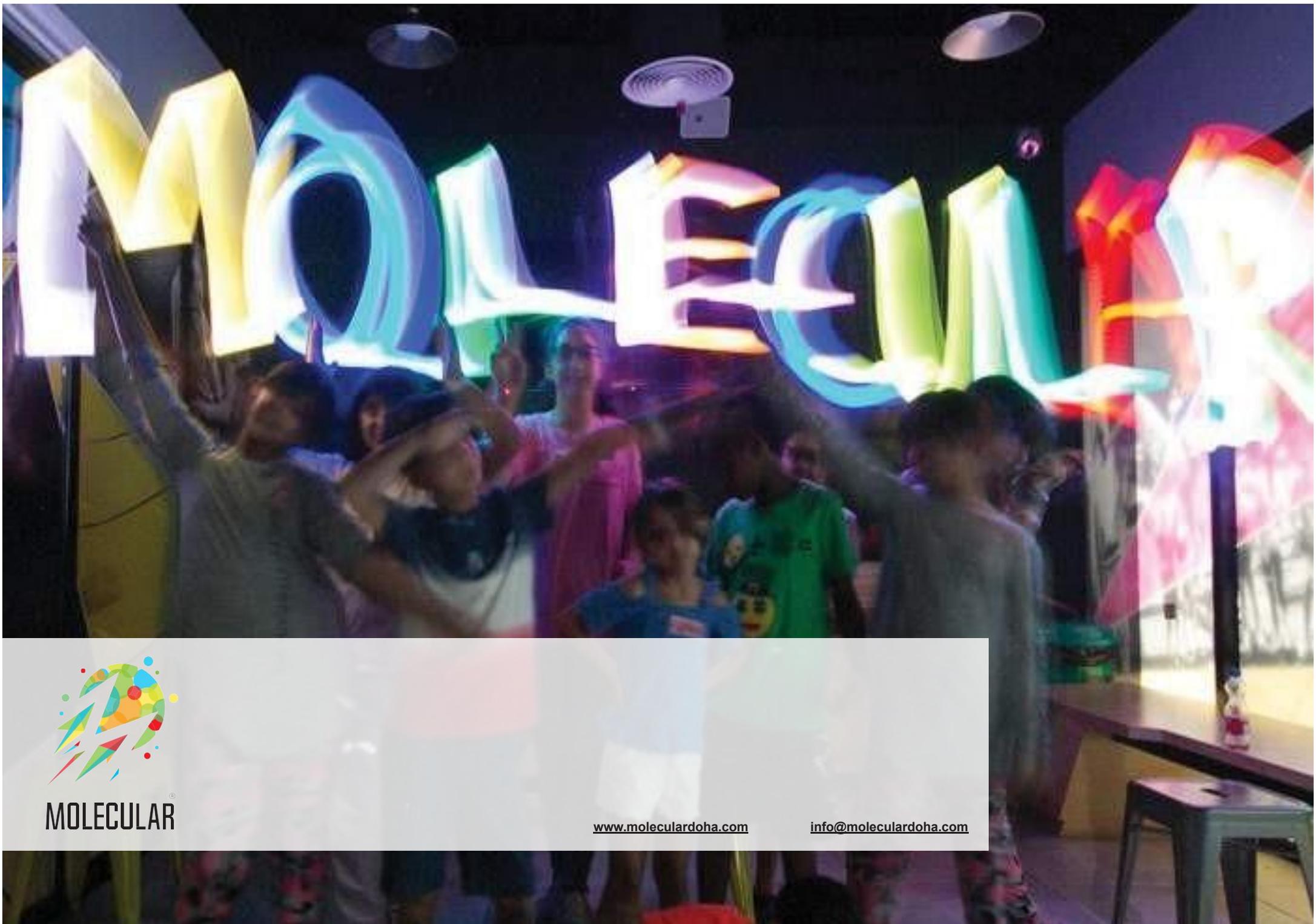
# MOLECULAR FIELD TRIPS



We are changing the way educators bridge the gap between classroom theory and world application by facilitating a variety of fully curated experiential field trips and events that bring their class curriculum to life. From equestrian venues to farm excursions, mangrove beaches and marine settings, Molecular aims to better the childhood experience through immersive events and experiential trips.

The pricing for field trips are calculated depending on the requirements. A full proposal at request can be provided for this.





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[www.moleculardoha.com](http://www.moleculardoha.com)

[info@moleculardoha.com](mailto:info@moleculardoha.com)