"FUN AND WONDER IN FEARLESS LEARNING"

ZANY SCIENTISTS

M.E.T.A.L.S. ENRICHMENT PROGRAM

Fearless Learning through exciting hands-on experimentation

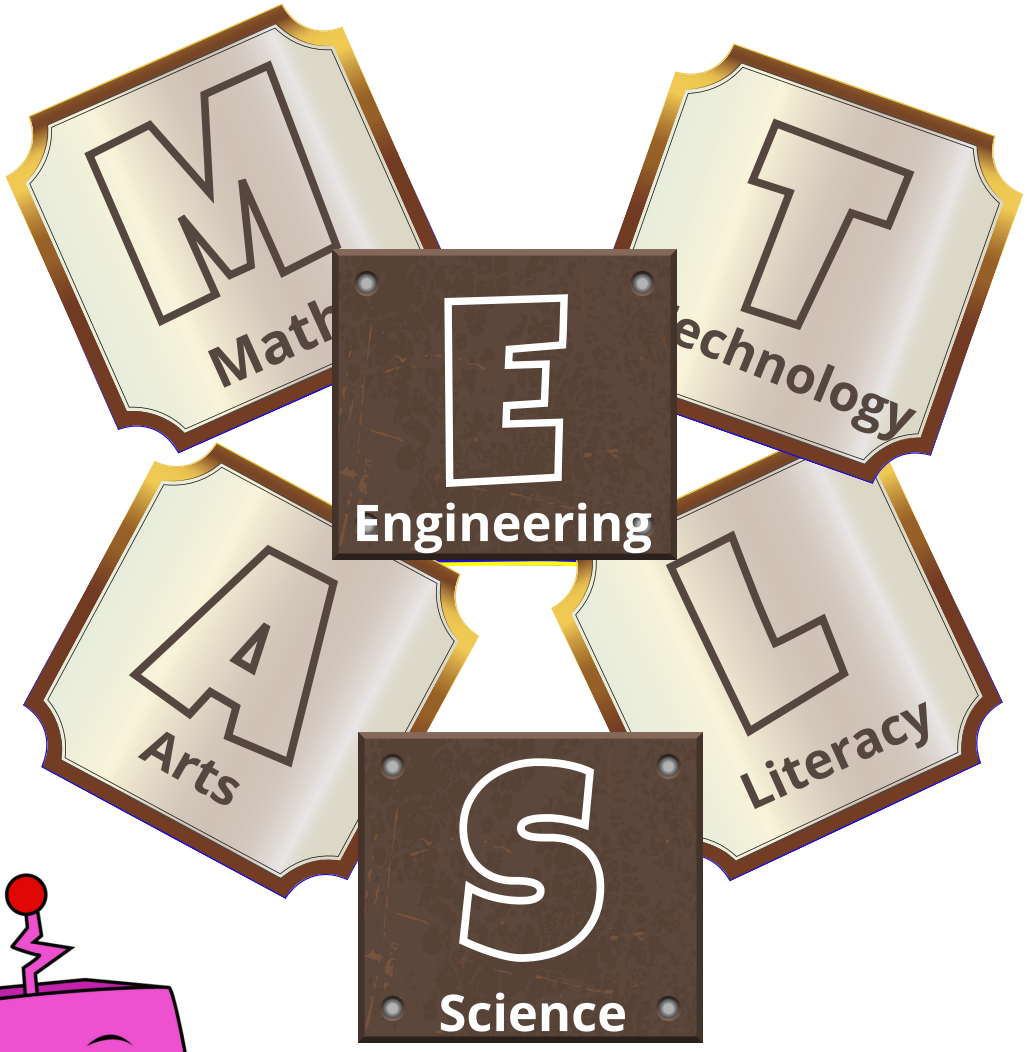
WHO WE ARE

Zany Scientists and Sci-EduTech Kids combine learning and a fun approach to understanding Math Engineering and Technology concepts, while combining the Artistic Creativity and Literacy through Science topics. Our approach to learning encourages our students to ask Why? Touch! Build! While making fun mistakes and discoveries all while having tons of ZANY FUN!

HOW WE LEARN

Our goal is to build up Fearless Learners. Our classes provide a safe space to be bold, ask tons of questions and learn without boundaries. At Zany Scientists, our classes are interactive, eduational, participatory and fun! Our science topics and workshops offers a unique blend of recreation and science enrichment with a wide variety of topics to stretch the imagination and intellect.

ZANY SCIENTISTS



"We also have fun learning about the :"

- environment
- conservation
- health and nutrition

Weekend and Virtual Programs

Zany Scientists

Sci-Edutech Kids

Our Zany Scientists program aims at the following objectives:

- Peaking and Inspiring young minds to develop a fearless interest in science fields, conservation and preserving the world we live in.
- Help children to learn fearlessly by developing their critical thinking skills and help improve academic performance.
- Boosting our students confidence to help them understand that learning can be fun. To achieve these goals the program is divided into cycles of activity by levels, so that at each level of students are taught a curriculum appropriate to the age and knowledge growth of each student.

***Our virtual and in-person programs lasts 1:30 min.**

ZANY GROUPS

1). Bronze B.O.Ts: Ages: 5 - 7
Grades K-2nd
2). Silver B.O.Ts. Ages: 8 - 10
Grades 3rd - 5th
3). Gold B.O.Ts. Ages: 11 - 13
Grades 6th - 8th
4). Sci-EduTech Kids Ages: 13.5 - 17
Grades 9th - 12th

WE WERE CREATED WITH THE HELP OF...

Our Cirriculum was carefully created by Science professionals, elementary and high school educators and students themselves, to help create the ultimate learning experience. We have integrated or 5-point learning model and our B.O.T. methodology© with Art Creativity and Music to help build great critical thinking skills as students learn and discover. Zany Scientists and Sci-EduTech Kids curriculum focuses on strengthening critical thinking and problem solving skills to help cultivate bold ourstanding thinkers!

DISCOVER AND EXPLORE

What we will learn:

Math

Students will understand and apply Math concepts to everyday life from spending money to following recipes. Students will also know how Science concepts are closely linked to inventions, engineering and technology.

Engineering/ Technology

Students will build , create, invent and discover how engineering and technology has helped to make our lives easier and the world a better place. Students will also learn engineering and technology concepts and applications in order to build thier own one of a kind inventions.

Art/ Creativity

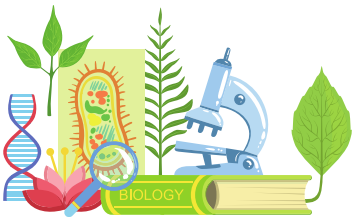
Imagination is expressed through Art . Students will tap into their creativity to visually express themselves through audio, tactile and hands - on learning.

Literacy

Learning Science through Literacy is a great way to learn comprehension, critical thinking , scientific inquiry and creative writing. Students will be able to apply the scientific method and creative writing to their discoveries, lessons and experiments.

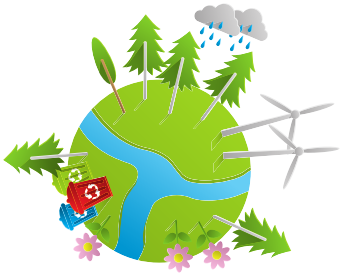
Sciences

Biology/ Life Sciences



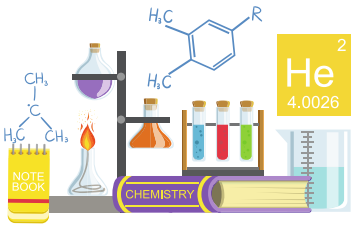
Students will learn how life on Earth help shape the environment, plants, animals and microorganisms. Students will discover and learn about the world of Biosciences by exploring Zoology, Biology, Botany, Marine life, Human Anatomy and Physiology.

Earth and Environmental



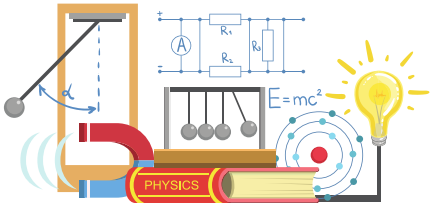
Students will learn and connect with the world around us by learning about our planet and how to conserve and preserve life on Earth. Students will also learn the Ecology and Geology. They will learn the creation of land and earths crust above and below the sea level. Students will understand the importance of the ecosystem and its fragility, also how to protect Nature and its animals that rely on it.

Chemistry



Students will learn about the world of matter, perform experiments based on understanding chemical reactions. Students will be able to identify solids vs. liquids and states of matter. Lessons will also include the understanding of atoms, elements and their importance to living things.

Physics/ Electricity/Astronomy



Students will explore the wonders of Magnetism as it relates to the world around us . Electricity will be explored through the understanding of currents, electron charges, circuits and batteries. Students will explore the world beyond Earth, exploring the moon and its phases, satellites and the Solar System.

SCI-EDUTECH KIDS/ SCI-EDUTECH GIRLS

Ages 13.5 - 17

Sci-EduTech is our upper- level science enrichment program that caters to students ages 12 - 17. Our program focuses on detailed M.E.T.A.L.S / S.T.E.M. learning and competency that guides students through the academic classroom modules that are in alignment with junior and high school N.S.S.G standards. Our approach is hands-on and explorative learning on an advanced level to prepare students for academic year science lessons. Our 5-point Learning Model focuses on " Learn by doing" Scientific Method approach to science topics and exploration.

Students will learn core concepts in the following:

Electricity/ Circuits

Students will learn about currents and circuits. How to transmit electricity, how electrons can travel through air while reinforcing concepts in physical science and its applications to the world around us.

Biology/ Climate Change

Students will be able to understand and explain the systems of the human body. Different classifications of cells, their organelles and functions. Compare and Contrast Human vs Animal characteristic. Students will also understand what climate change and global warming is and how it affects our environment

Chemistry/ Reactions/ Atoms/ Elements

Students will gain a detailed understanding of Chemistry and chemical elements. Students will perform experiments to determine a reaction as well as understand the different types of chemical reactions . We will also reinforce how to read a periodic table and its elements