

E-BIOME'S SUMMER OF STEM 2023

Biotechnology and Health



ABOUT US



Dr. Romario Simpson
Chairman, e-Biome



Ms. Leneka Rhoden
Managing Director, e-Biome



Ms. Norrishia Morally
Company Secretary, e-Biome

e-Biome, a key developer in the blue economy, and an innovator in Science, Technology, Engineering and Math (STEM), would like to invite you to register your child/ward to be a part of our interactive and fulfilling Summer of STEM Camp- Virtual Edition. This is the fourth staging of the camp and judging from the success of last year, this year promises to be even greater as we explore "Biotechnology and Health."

www.e-biome.com

VIRTUAL STEM CAMP

Provides a diverse community of STEM enthusiasts

The primary goal of this camp is to create a diverse community of STEM enthusiasts who are committed to growing their ideas and developing strong communication skills. By developing presentation skills and preparing for interactions with successful marine engineers, entomologists, zoologists, medical doctors, and environmentalists, among others, each participant will achieve being verbally and nonverbally equipped.

STEM Career Exposure

Students will be exposed to different careers in the field of STEM and get the opportunity to interact with local and international professionals.

Develop Presentation and Communication Skills

Students will learn how to create a PowerPoint Presentation and develop the skills needed to effectively deliver their presentation.





GENERAL

AUGUST 7–25, 2023

The camp will start on Monday, August 7 and end on Friday, August 25 (Duration- 3 weeks). Live Sessions will be held each week from Monday to Thursday from 9 am to 1 pm (EST) via Zoom and students will complete assessments/assignments/projects on Fridays via the Learning Management System (LMS), Google Classroom.

AGES 6 TO 19

The strategy used is designed to lay a solid STEM foundation by exposing students to the practical application of science. They will be given a conceptual introduction and hands-on activities, including Virtual Labs, to sharpen their problem-solving and critical-thinking skills.

COST

\$8,000 JMD/ \$55 USD

- Payment Methods Available:
- 1. Bank Transfer
 - 2. Cash
 - 3. PayPal
 - 4. Lync

TOPICS COVERED

EcoDiscovery

- a. Human Anatomy and Physiology
- b. Immunology & ImmunoTechnology
- c. Basic Biochemistry
- d. Plant Biotechnology
- e. Animal Biotechnology
- f. Medical Microbiology
- g. Molecular Biology
- h. Nutrition
- i. Marine Ecosystems
- j. From Metabolism to Cells



TechWiz

- a. DNA Technology
- b. Biotechnology in Medicine
- c. Pharmaceutical Biotechnology and Drug Designing
- d. Career Planning and Management
- e. STEM Careers
- f. Public Speaking and Science Communications



MathDoc

- a. Research Methodology & Biostatistics
- b. Math: Fractions and Decimals
- c. Math: Relations and Functions
- d. Math: Matrices and vectors
- e. Data in the laboratory



VIRTUAL STEM CAREER SYMPOSIUM

This camp is about building all-rounded STEM enthusiasts who are capable of representing well verbally and nonverbally through building presentation skills and preparing the students to interact with successful Marine Engineers, Entomologists, Zoologists, Medical Doctors, Environmentalists, among others, and do a guided presentation on the career of their choice. Your child will be exposed to different careers in the field of STEM and get the opportunity to interact with local and international professionals.





SUMMER OF STEM CAMP EXPERIENCE

The focus is to adequately prepare students for a demanding future in STEM by examining cutting-edge scientific concepts and combating environmental challenges. The management and application of scientific principles in the ecosystem will be introduced. Students will grasp and cherish the benefits and drawbacks of biotechnology in medicine. This is definitely a worthwhile experience.





Dr. Romario Simpson

Medical Doctor



Ms. Leneka Rhoden

*Natural
Scientist/
Environmental
Scientists*



Dr. Monique Lynch

*Diplomat and
Lecturer*



Dr. Shane Matthews

Dentist

MEET OUR TEAM

CONTACT

Register your child for this exceptional experience. Make the right the decision and let us help you to help your child reach their maximum STEM potential.

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