



SUMMER SERIES

A-1: Plants, Birds & Animals - Junior Edition



Pre-K, KG & 1st Grade

June 7th - June 11th

1:30 - 3 pm EST

ZOOM-based

Max 5 students

Kit included

\$145

MONDAY

Learn about PLANTS around the world and what affects their growth, Parts of a plant, pollination and seed dispersal. Students create a journal to collect data & observations as they build the terrarium kit (kit included)

TUESDAY

Learn about VERTEBRATES- Mammals, Birds, Reptiles, Fish and Amphibians. Find out about their homes, food, appearance, & body structure. What makes fish a fish? How do they breathe under water? Do amphibians breathe under water and on land? How do birds fly?

WEDNESDAY

Learn about INVERTEBRATES- Worms, Sponges, Arthropods. Learn about their home, food, appearance, & body structure. How do invertebrates move? How do they catch their food?

THURSDAY

What is an ECO System? How do various species interact with each other and their environment? How do we maintain a healthy Eco System so all the species can survive?

FRIDAY

Students pick one plant, bird or an animal and prepare a SHOW-N-TELL presentation and present it to the class. Students are awarded a certificate of completion

SUMMER SERIES

A-2: Beyond Our Planet!



Pre-K, KG & 1st Grade

June 14th - June 18th

1:30 - 3 pm EST

ZOOM-based

Max 5 students

Kit included

\$145

MONDAY

Building the Solar System (kit included). Students will work together as a remote team to build and research details about the 8 planets in the Solar System. Students will go on an exciting journey to find out about what is beyond our planet. What is the atmospheric composition on other planets? Can humans survive on other planets? What makes all the planets stay in their own orbits and not crash into one another?

TUESDAY

Students will learn about meteors, asteroids, and moons. Learn about Gravity, explore the only star in our solar system, our SUN. Join us for an exciting journey of our Solar system, Galaxy, and the Universe we live in!

WEDNESDAY

Students will work on activities to learn about the fun facts about all the planets in our solar system. Join us to find out how scientists decide if an object is a planet?

THURSDAY

Want to learn about astronomy? Do you wonder where the planets are and the best time of the day to look for those planets? This is the time to learn that in this astronomy class made simple.

FRIDAY

Students work on a project - "Where would you go if you could go anywhere in the solar system?" They will learn to use GOOGLE JAMBOARD to do this research project followed with a show-n-tell presentation to the class. Student will also learn to provide and receive constructive feedback.



SUMMER SERIES

A-3: Who is the Boss-Brain or Heart?



Pre-K, KG & 1st Grade

June 21st - June 25th

1:30 - 3 pm EST

ZOOM-based

Max 5 students

Kit included

\$145

MONDAY

BRAIN- Brain is the CPU! Learn about how your brain works, its weight and appearance, various functions managed by the brain and nerve cells. Join us on this exciting learning opportunity!

TUESDAY

HEART & LUNGS- Students will learn about how heart and lungs function and how this dynamic duo help circulate blood in the body. Why does your heart beats faster when you are running? Join us to learn about heart and lungs

WEDNESDAY

DIGESTIVE SYSTEM- Did you know that your intestine has the surface area bigger than you can imagine, and is coiled up inside your body? Learn about various parts of the digestive system and how your body processes food that you eat and turns into energy.

THURSDAY

IMMUNE SYSTEM- What protects you from illnesses and diseases? How does our body know good bacteria from bad bacteria? Join us to find out how to take care of your body so your immune system works at its best.

FRIDAY

Students will select one of the systems that we learned in the class and use the **GOOGLE JAM-BOARD** to create a group presentation. Students will also learn to provide and receive constructive feedback.



SUMMER SERIES

A-4: Planes, Trains & Automobiles



Pre-K, KG & 1st Grade

June 28th - July 2nd

1:30 - 3 pm EST

ZOOM-based

Max 5 students

Kit included

\$145

MONDAY

CARS - This class will explore the functionality of cars and internal combustion engines. Learn about the history of cars. Find out about how cars have changed overtime. Learn about Electric cars. Want to find out what cars will look like in 2030? Join us to explore the future of mobility.

TUESDAY

AIRPLANES - Students will learn about the plane's functionality. How does the pilot talk to the control center, how do they navigate the planes? Bring your questions, we will explore the exciting world of planes and future airliners

WEDNESDAY

TRAINS- Students will learn about trains and how they function. Want to find out about the fastest train and how it works? This module will discuss the bullet train in Japan and how it works. Prepare to be blown away when you learn about the hyperloop that can achieve speed up to 760mph!

THURSDAY

COMPUTERS- Students will learn computer functionality in this module. The mouse is what makes it possible to move the cursor around the screen. We will discuss details about how CPU (Central Processing Unit) along with the basic input/output system.

Students will learn about the operating system and how it controls the computer and tells it what to do and when.

FRIDAY

Student project: 'Would you rather be a plane/train/an automobile?' Students will create a presentation on GOOGLE JAM-BOARD and present it to the class. Student will also learn to provide and receive constructive feedback.



SUMMER SERIES

A-5: Our Planet Earth



Pre-K, KG & 1st Grade

July 12th - July 16th

1:30 - 3 pm EST

ZOOM-based

Max 5 students

BOOK included

\$145

MONDAY

Continents: Do you wonder what a continent is, how many continents are there or do continents move? Join us to find out how continents are formed, and do continents change shapes?

TUESDAY

Oceans: While there is only one global ocean, the vast body of water that covers 71 percent of the Earth is geographically divided into distinct regions. The boundaries between these regions have evolved over time for a variety of historical, cultural, geographical, and scientific reasons. Join us to find out facts about oceans on Earth!

WEDNESDAY

Mountains: Learn about the mighty land chunks that rise up to form a mountain. They usually have steep, sloping sides and sharp or rounded ridges, and a high point, called a peak or summit. Learn about the tallest mountains, volcanoes and valleys around these mountains

THURSDAY

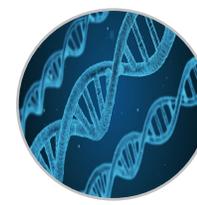
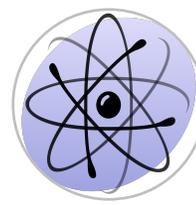
Earth Day: Earth Day is an annual event created to celebrate the planet's environment and raise public awareness about pollution. The day, marked on April 22, is observed worldwide with activities to help save our planet. Join us to learn about Earth Day!

FRIDAY

Research project, presentation and feedback: Students will work on 'Project Recycle'. We will create a presentation on Google-JAMBOARD TOOL. Students will learn to receive and provide constructive feedback

SUMMER SERIES

A-6: What Is Science?



Pre-K, KG & 1st Grade

July 19th - July 23rd

1:30 - 3 pm EST

ZOOM-based

Max 5 students

Kit included

\$145

MONDAY

CHEMISTRY - Students will work on Chemistry experiments (kit included) to experience how scientists perform experiments and draw conclusions based on evidence. We will share and compare the results with the class to create a report

TUESDAY

CHEMISTRY-Students will learn about how atoms and molecules interact to form new substances. We will discuss periodic table, and how elements are lined up in rows based on their atomic number. Did you know that out of 118 elements on the periodic table, 90 elements are found in the nature and rest of those are man-made?

WEDNESDAY

BIOLOGY- Students will learn about how biologists seek answers about living things. We will discuss how animals, plants and humans interact with each other and help the eco system. We will learn about various species, their characteristics, how they live, & how they gather food

THURSDAY

PHYSICS- Students will learn different ways to perform experiments, gather data, analyze information to form conclusions. Physics helps us calculate speed, force and pressure. It helps us design bridges, buildings and highways. It helps us calculate planetary movements and predict weather. Join us to know how Physics helps us in everyday activities

FRIDAY

Students will select a topic based on the science concepts discussed during this module, prepare presentation on GOOGLE JAM-BOARD and present it. Student will also learn to provide and receive constructive feedback.

SUMMER SERIES

A-7: Wonders of the World



Pre-K, KG & 1st Grade

July 26th - July 30th

1:30 - 3 pm EST

ZOOM-based

Max 5 students

Book included

\$145

MONDAY

Great wall of China & Pyramids of Giza- Students will learn about the reason it was built, how long it took to build it and how many people worked on it. Bring your curiosity and join us to explore these super exciting wonders in China and Egypt

TUESDAY

Taj-Mahal & Leaning Tower of Pisa- Students will explore design details of these astonishing monuments that have become a tourist attraction for decades. Come with us to look closely at the design of Taj-Mahal, understand the meaning and the purpose of these landmarks

WEDNESDAY

Chichén Itzá & Machu Píchu- Students will learn about Chichén Itzá a Mayan city on the Yucatán Peninsula in Mexico. Learn about the Mayan tribe Itzá. Join us for a tour to Machu Píchu, one of the few major pre-Columbian ruins. Despite its relative isolation high in the Andes Mountains, it features plazas, residential areas, and temples.

THURSDAY

Christ Redeemer Statue & Colosseum- Students will learn about Christ the Redeemer, a colossal statue of Jesus in Rio de Janeiro. We will discuss the Colosseum in Rome that was built in the 1st century. A feat of engineering, the amphitheater capable of holding 50,000 spectators, to watch events such as gladiator fights.

FRIDAY

Students will learn about the modern wonders such as the tallest building Burj Khalifa in UAE, biggest dam -Three Gorges Dam in China, tallest bridge -Duge Bridge in China and Petronas Twin Towers in Kuala Lumpur, Malaysia



SUMMER SERIES

A-8: Build a Healthy Body & Mind



Pre-K, KG & 1st Grade

Aug 2nd - Aug 6th

1:30 - 3 pm EST

ZOOM-based

Max 5 students

Book included

\$145

MONDAY

NUTRITION- Students will learn importance of vitamins, minerals, carbohydrates, protein and fat for our bodies to function at its best. We will discuss the function of each essential food category and ways to incorporate it in diet. Students will learn about effects of processed food and how to read labels on food packages

TUESDAY

FITNESS- Students will learn importance of exercise such as aerobic, core, and strength training. We will discuss different kinds of fitness routines and importance of pre- and post-exercise diet. We will discuss various ways we can incorporate exercise in our daily routine.

WEDNESDAY

MANAGING EMOTIONS- Students will learn how our emotions affect us every day. We will discuss how to recognize and manage emotions.

THURSDAY

Create an action plan to take care of health and fitness- Students will put together an action plan/routine to maintain good health and fitness. We will brainstorm ideas as a team to establish good habits.

FRIDAY

Project 'My Health and Fitness plan' Student researches and creates his / her own fitness plan. They will use **GOOGLE JAM-BOARD** to create this presentation and will deliver it to the class. Student will also learn to provide and receive constructive feedback.