Experiential Learning Study Sessions

Our Study Sessions allow nature apprentices to experience nature and science through hands-on activities, experiments, encounters, games and more!

Eye Spy *(Using Lenses)* - Learn how to obtain date using different lenses such as compound microscopes, stereoscopes, pocket microscopes and magnifying glasses.

Perspective Detectives *(Observations and Inferences)* - Use your 5 senses and gather information to make observations and inferences.

Leaf me alone! *(Plants and Leaves)* - Become a true botanists while learning the different parts of a plant and discover different types of leaves found in your backyard.

Getting Dirty! *(Soil)* - Get your hands dirty while studying different types of soil and its characteristics and properties.

Ocean Commotion *(Ocean zones and habitats)* - Submerge in the study of oceans, currents, zones and habitats and learn about the different adaptations found in each of them.

Does it Matter? *(Matter Properties and Measurements)* - Everything around us is made out of matter. Learn how to calculate volume and mass using scientific tools.

He's got no backbone! *(Invertebrate Animals)* - Learn characteristics of invertebrate animals and encounter some of specimens like insects, worms and more!

Throw me a bone! *(Vertebrate Animals)* - Vertebrate animals have special skeletons adapted to their habitats and survival. Observe different skeletons and encounter some of these wonderful creatures.

Life Blocks *(Cell Biology)* - Study the different parts of a cell including plant and animal cells, its organelles and functions.

Connecting the dots *(Ecology)* - We are all connected. Study the different roles of organisms in different habitas and ecosystems and the importance of protecting our environment.

Slime Time *(Scientific Method)*- Use the steps of the scientific method to create a fun slime.

What's for Meal-worm? *(Animal Behavior)*- Study the responses to different stimuli of a mealworm while conducting an animal behavior experiment.

May the force be with you! *(Physics)*- Study the forces around us through different physic experiments.

Prints from the Past *(Archaeology and Fossils)*- Become an archaeologist while digging from clues, artifacts and fossils and discover the past behind your findings.

3D Bodies *(Anatomy and Dissection)*- Dissect different types of animals to understand the anatomy and physiology of the bodies and its functions.

Meteorology Station *(Weather)* - Become a meteorologist and learn the different weather conditions while conducting different experiments creating your own weather instruments.

Beyond our eyes *(Space Science)*- Learn about the solar system, constellation and more through hands-on activities and games.

Clues Everywhere *(Forensic Science)* - Solve a mock crime utilizing and learning about the different disciplines and techniques used in forensic sciences.

Culture by Nature *(Social Studies)*- Study how nature, habitats and natural resources have been the foundation of the creation of cultures, myths, traditions and social groups.

Atomic Connection *(Chemistry)*- Discover the different parts of the atoms, molecules and reactions through hands-on activities and models.

Finding your way *(Geography)* -Create a 3D topographic model using contour lines maps.

Fish Tales *(Fishes)* - Learn about different classes of fishes, examine different types of fish and create a gyotaku master piece (fish print).

BFF: Beak, Feet and Feathers *(Birds)* - Using binoculars and field guides, learn about the different types of birds, its beaks, feet and feathers.

Double Life *(Amphibians)*- Encounter different types of amphibians while learning about their transition from aquatic life to walking on land.

Sun Bathers *(Reptiles)*- Feel the scaly bodies of different types of reptiles through animal encounters and learn about the behavior and myths behind these creatures.

Furry Friends *(Mammals)*- Meet our furry friends and Learn about mammals through fur observation.

Crazy Six and Eights *(Insects and Arachnids)*- Are you afraid of creepy crawlies? Hold on your hands some of these insects and spiders and learn that most of your fears are not real!

Ink, Pen and Tentacles *(Cephalopods)*- Find fun facts about octopuses, squid, cuttlefish and nautilus and take the opportunity to write your name with squid ink while studying its anatomy through a squid dissection.

Colorful Coral Creations *(Coral Reefs)*- Discover the wonderful world of coral reefs, its inhabitants and adaptations while creating piece of art.

Mangrove Madness *(Mangroves)*- Red, black, white or buttonwood? Study the Florida mangroves, its inhabitants and characteristics.

Under the Sea-grasses *(Seagrasses and Algae)* - What is under the sea-grasses? Learn about the differences between seagrasses and algae and make an algae print using real samples.

Who dung it? *(Scat and Tracks)* - Discover all the facts we can find from an animal just observing and analyzing scat (feces) and tracks and play a game to discover who dung the scat.

Survivors!!! *(Adaptations)*- Learn how different plants and animals survive in their habitats studying adaptations and behaviors and encounter different animals to observe some of them.

Beneath our Feet! *(Rocks and Minerals)*- Learn about the rock cycle through games, hands-on activities and rocks observations.

Nature Memoirs *(Journalism)*- Learn how to create a dynamic and unique nature journal and apply different types of literature and art genres to record your encounters, discoveries and memories in nature.

Bundle Buddies *(Taxonomy and Classification)*- Use dichotomy keys and understand how to classify plants and animals according to the characteristics they have in common.

Drifters, Swimmers and Walkers (*Plankton, Nekton and Benthos*) - Learn the different adaptations found in the world of plankton, nekton and benthos.

Jawsome Friends (*Sharks and Rays*) - Discover the world of sharks and rays and perform a shark dissection.

Reckoning Science (Measuring matter) -Use different types of scientific tools to measure different properties of matter.

Photogenic Nature (*Nature Photography*) - Learn the different types of techniques that make your photo speak beyond words through a hands-on photography workshop.

Warmer Blubber! (*Marine Mammals*) - Study the different adaptations found in marine mammals and learn about what makes these animals so unique.

Ocean Citizens (*Marine Ecosystems*) - Learn the different adaptations found in organisms in different marine ecosystems.

Field Glasses (*using binoculars*) - Use binoculars to identify different organisms located around your community.

Break a Leg (*Echinoderms*) - Study the wonderful word of sea stars, sea cucumbers, sea urchins and their adaptations.

Cause and Effect (*animal behavior observation*) - Lean about stimuli and responses in animals through observations and encounters.

Crabby but Cute (Crustaceans) - What makes a crustacean so successful? Enjoy the study of the crustaceans, their adaptations and more!

Culture of Fins (*Fishes Families*) - Is it a keeper? Learn about fish families, behaviors, habitats and characteristics.

Go with the flow! (*Ocean Currents*) - Study what causes movements of mass of water in the oceans.

Animal Zipcodes (*Zoogeography*) - Where do animals live and why? Learn about the Zoogeographic regions in the world.

Divide and Conquer (*Cell Division*) - Learn about cell division through mitosis and meiosis processes.

Hot Mommas, Cool Daddies! (*Sea Turtles*) - Study the wonderful world of sea turtles, species, habitats, threats and conservation.

Monkeying Around! (*Primatology*) - Tail or not tail? Monkey or ape? Learn the differences among primates.

Nature Credentials (*Field Guides*) - Use field guides to learn and discover the natural world around us.

Picky Nature (*Natural Selection*) - Study how nature chooses genes and species survival and adaptations.

Spheres of Life (*Our Planet Earth*) - Learn about all the spheres that make our Earth so unique and special.

Unstoppable Incisors (*Rodents*) - Study the amazing adaptations found in rodents and their importance to the environment.

Zoo Sketch (*Sketching*) - Learn about external anatomy of different animals while sketching.