



Project Explore! Featuring -



Ages: 6 through 11 (**MUST have completed Kindergarten)

Dates Session 1: July 6-9*
Session 2: July 12-16
Session 3: July 19-23

Session 4: July 26-30
Session 5: August 2-6
Session 6: August 9-13
Session 7: August 16-20

Program Hours: 9 am – 2:00 pm

Cost: \$375.00 (*Session 1=\$300)

Before & After Care TBD by COVID conditions
REFER A FRIEND Discount!

Session 1 *Krazy Knex*

One of the best STEM materials that meet different ages, abilities and interests are the KNEX kits! These kits are designed to teach children about different principals including engineering, simple machines, and physics. Each day will be split into two parts. In the morning, each day campers will explore a different concept in pairs. We will explore gears, pulleys, levers, bridges and more!

Session 2 *Sports Mania!*

In this fun-filled week campers will enjoy playing and learning about various sports. This camp will provide exciting and interesting activities while also engaging in physical activities. Campers will explore many different sports, such as, frisbee, soccer, etc. while also exploring the sport's history.

Session 3 *Minecraft Mania 2: The Sequel*

The Mania continues! Explore and build worlds that have been customized for Wicked Cool learning activities. Construct complex Minecraft villages and map out a hands-on model community, built with real world materials. Learn the secrets of Minecraft to forge unique tools, discover the awesome power of redstone, and create automated factories to supply your empire. Design light-up circuits and simple machines to take home inspired by Minecraft redstone and engineering.

Session 4 *Drone Club*

One of the newest programs to Woodside has been our Drone Club. Started in 2020, the Drone Club has had two seasons where (during which?) children have had the opportunity to explore using Tello drones to navigate through an obstacle course. In the Drone Club, participants will analyze the obstacle course to determine the altitude, speed, and directions that their drone will have to fly. The beginning of the week will consist of simple obstacle courses where the robot only must stay at its preset height to navigate. As the week moves on, we will learn how to use protractors to determine the number of degrees that their drone will have to turn to navigate the course. Finally, at the end of the week we will have courses that involve changing the altitude, direction, and speed of their drones.

Session 5 *LEGO Robotics*

LEGO Robotics is Back! For friends that are interested in LEGOs we will be working with the LEGO WEDO kits and Lego EV3 kits to learn about combining Lego building with programming. Each day we will be working with different builds to study how we can create our own robots to accomplish a given objective. We will also learn how to integrate sensors into our robots to help make them more successful. We will be exploring sensors, gears, and wheels and axles.

Session 6 *Wicked Cool Vet School*

Do you dream of becoming a veterinarian?

Grab your lab coat, animal lovers, as we learn about our favorite furry, flying and fishy friends! Make amazing animal models, build big bones and investigate animal intestines from our favorite vertebrates: birds, mammals, reptiles, amphibians and fish. Make it a full day! Dissect an owl pellet to discover a predator's diet. Try your hand catching some invertebrates as we study insect exoskeletons, look at animal cells and parasites.

Session 7 *Explorations in ART*

Let your creativity and ingenuity guide you as you recreate classic and modern art styles and create art that is unique to you. We will explore the elements of art and how different artists used them. Participants will have the opportunity to use a variety of mediums. Make your imagination come to life through art making. Let's create together this Summer!



Daily Schedule:

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| 9:00-9:30 | Get in the Groove: games and crafts promoting social interaction. |
| 9:30-10:30 | Lesson |
| 10:30-11:00 | Snack, outside, free play |
| 11:00-12:00 | Lesson |
| 12:00-1:00 | Lunch |
| 1:00-2:00 | Lesson |
| 2:00 | Dismissal |

** Children bring lunch, snack and water bottle

Note: *Each program session requires a minimum number of 6 registered participants to be offered successfully and is limited to a maximum of 12 students. If the minimum registration is not achieved by July 1st the session will be cancelled, and you will be notified immediately.*

REFER A FRIEND WHO REGISTERS FOR *PROJECT EXPLORE!* – RECEIVE \$50 OFF!
