

#### Cycle 4 April 10, 2024 - May 29, 2024 <mark>4-5 Year Old Classes</mark>

# Little Scientists (Teacher led)

Get ready for an incredible journey into the world of nature with our upcoming class on plant and butterfly life cycles! In this fun and educational experience, students will:

Learn about the life cycles of plants and what they need to thrive. Discover the different parts of flowers and their functions. Witness the magic of seeds sprouting and growing as we nurture a class plant together. Explore the fascinating life cycle of butterflies and their crucial role in pollinating plants. Engage in creative crafts that complement each lesson, making learning even more enjoyable!

### Playdoh / Clay (Student led)

Students will be able to let their imagination go wild by using tools, accessories and make a masterpiece with play doh or clay. Teachers will take a picture of their art and create a memory book to take home at the end of the cycle.

# Duplo Lego Club (Student led)

These Classes are not only a fantastic creative outlet but also highly social. Students are encouraged to share and communicate with each other. By building a rapport with one another, brainstorming, and discussing building techniques, each student gains confidence in their work and communication skills.

## Moving & Grooving (Teacher led)

This class is all about exploration, discovery and getting the heart pumping! This is a great class for those who like to move, dance, play games (such as musical chairs, duck



duck goose etc) and have fun. Each week they will explore kid friendly music, dances and interactive games. They will have fun while getting great exercise and getting all their wiggles out!



#### Cycle 4 April 10, 2024 - May 29, 2024 <u>6-9 Year Old Classes</u>

# Geography (Teacher led)

This cycle we will focus on U.S. Geography. Each week we will learn about a new state. They will learn how to identify it, its capital and a few fun facts about it. Our learners will play Jeopardy and get to test their knowledge too!

### Science Experiments (Teacher led)

Students will complete a different hands-on experiment or project each week. They will discuss the scientific method and share their hypothesis with each other. After completing the weekly experiment, they have a chance to discuss their observations and see if their hypothesis was correct.

## Pokemon Club (Student led)

Students can bring their cards to class and share their knowledge of Pokemon and have a few battles! It's a great way to practice public speaking skills and active listening. The structure of this class is heavily student-led.

#### Playdoh / Clay (Student led)

Students will be able to let their imagination go wild by using tools, accessories and make a masterpiece with play doh or clay. Teachers will take a picture of their art and create a memory book to take home at the end of the cycle.

#### Moving & Grooving (Teacher led)

This class is all about exploration, discovery and getting the heart pumping! This is a great class for those who like to move, dance, play games (such as musical chairs, duck



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#### Cycle 4 April 10, 2024 - May 29, 2024 10-14 year old class

# <u>Chemistry</u> (Teacher led)

Dive deep within the periodic table of elements to discover what makes each element unique. See firsthand what happens when elements join together and react with each other through scientific experiments. Learn the chemistry behind these reactive relationships and discover how it all comes down to electron affinity. Learn to calculate electron configurations and see how chemistry is an integral part of everyday life. Use creativity mixed with critical thinking to hypothesize ways to improve or destroy the world around us.

This class is a mixture of hands-on learning through experiments, calculations, brief lectures, and creative critical thinking while using drawing, writing or modeling to express your ideas.

## Story of the World: The Modern Age (Teacher led)

This read aloud series will be spent investigating the fascinating story of the modern world, from the American Civil War through the end of the twentieth century. Including: Europe, Middle East, India, China, the Arabian Peninsula, Australia, and both North and South America! We will create art, have discussions and observe the differences in maps from each era.

#### **Strategic Games**

Do your kids LOVE playing strategic board games like Catan and Ticket to Ride? There are fantastic lessons to be learned in gaming!

Competition is good and healthy, but a bad attitude is not. Learning how to be competitive, to understand we all



want to win but not at the cost of our attitude towards each other and life is important. It's all about our attitude. We will discuss being a good winner, a good loser and more. Games are specifically picked that have an edge-like, working as a team, to win as a team (or lose as a team), trading fairly, finding an alternative way to win when you are blocked off, not giving up and delayed gratification (some games bonus points can make or break the win)!

The games will be very varied, so different minds will be naturally better at some games. Which is a good thing!

We will be using the Jr versions of some games to allow for shorter gameplay as some of the adult versions take up to 1.5 hours.

Listen and Create (Teacher led)

Let's explore music through art! Combining music with art can be a great way for our kids to unwind & express themselves. Each month they will focus on how a music genre, a certain style of poetry or a type of book, affect our emotions and how they can express those feelings through different art media such as working with clay, painting, collaging or drawing.