



5-6 Year Old Classes

Discovery Time (10:00am-10:50am)

Welcome to Discovery Time—a dynamic and engaging session designed for our inquisitive 5- to 6-year-olds who are ready to explore, create, and grow! This time is set aside for meaningful hands-on experiences that encourage curiosity, independence, and collaboration.

During Discovery Time, our young learners will:

- Deepen their understanding of the days of the week and months of the year through interactive songs, movement, and memory games.
- Build important life skills like safe scissor use through guided cutting projects and fine motor activities.
- Participate in theme-based projects that foster imagination, problem-solving, and teamwork.
- Engage in rich discussions, stories, and visual learning to explore new concepts and broaden their understanding of the world.
- Strengthen both cognitive and social-emotional skills in a supportive, encouraging environment that celebrates effort and discovery.

Discovery Time is where learning feels like an adventure—nurturing each child's natural curiosity while laying a strong foundation for confident, joyful learning.

Math Adventures (11:00am-11:50am)

Embark on a hands-on journey where math comes alive through games, stories, problem-solving, and creative challenges! In *Math Adventures*, students will explore numbers, patterns, shapes, and real-world math through playful and engaging weekly themes.

Each class invites learners to think critically, work together, and apply math in fun and meaningful ways—whether solving word problems, building with shapes, graphing favorite snacks, or running a pretend store. Movement, collaboration, and exploration are all part of the adventure!

Skills Explored:

- Addition and subtraction strategies
- Place value and number sense
- Skip counting and patterns
- Measurement and comparison
- Shapes and spatial reasoning
- Time, money, and graphing
- Word problems and real-world applications

This class nurtures mathematical thinking in an active, supportive environment—perfect for young learners ready to explore the “why” and “how” behind everyday math!



7-9 Year Old Classes

The Making of America (10:00am-10:50am)

Step into the dramatic and inspiring story of how the United States came to be. *The Making of America* explores the critical events, courageous people, and powerful ideas that shaped the nation's birth. From the forests of New France and the sparks of the French & Indian War to the fiery call for independence and the final victory in the Revolutionary War, students will uncover the struggles, debates, and dreams that forged a new country.

Each lesson brings history to life through engaging stories, discussions, and hands-on projects. Students will meet young George Washington, ride alongside Paul Revere, explore the minds behind the Declaration of Independence, and witness the resilience of unsung heroes like Deborah Sampson and James Armistead Lafayette.

By the end of the course, students will not only understand the events that led to America's founding, but also reflect on the principles of liberty, sacrifice, and democratic government that continue to shape our nation today.

Highlights:

- Role-play key moments like the Boston Tea Party and the Continental Congress
- Analyze original documents such as the Declaration of Independence
- Explore biographies of both famous and lesser-known patriots
- Participate in map-making, debates, and Revolutionary War strategy games

Join us for a dynamic journey through America's founding where history meets courage, conflict, and the enduring pursuit of freedom.

Body Detectives: A Journey Through You (11:00am-11:50am)

Come explore the wonders of the human body in this engaging, hands-on science class designed to spark curiosity and awe! Each week, students will take a journey through a different body system—learning how our bones, muscles, brain, and more work together to keep us moving, thinking, and growing. Through fun games, creative crafts, simple experiments, and movement-based activities, children will gain a better understanding of how truly incredible their bodies are. From building pasta skeletons to testing lightning-fast reflexes, this class encourages discovery, creativity, and a deeper appreciation for the amazing machine we live in—ourselves!



10-12 Year Old Classes

Forensic Science (10:00am-10:50am)

Step into the shoes of a young detective and explore the exciting world of forensic science! In this interactive, hands-on class, students will investigate the science behind solving crimes from fingerprints and footprints to blood spatter and DNA. Each week, budding forensic scientists will dive into real-world techniques like evidence collection, handwriting analysis, and digital forensics through fun experiments, mock crime scenes, and creative projects. Students will work together to solve mysteries, build observation skills, and present their own cases just like the pros. Perfect for curious kids who love solving puzzles, asking “why,” and thinking like scientists.

The Making of America (11:00am-11:50am)

Step into the dramatic and inspiring story of how the United States came to be. *The Making of America* explores the critical events, courageous people, and powerful ideas that shaped the nation's birth. From the forests of New France and the sparks of the French & Indian War to the fiery call for independence and the final victory in the Revolutionary War, students will uncover the struggles, debates, and dreams that forged a new country.

Each lesson brings history to life through engaging stories, discussions, and hands-on projects. Students will meet young George Washington, ride alongside Paul Revere, explore the minds behind the Declaration of Independence, and witness the resilience of unsung heroes like Deborah Sampson and James Armistead Lafayette.

By the end of the course, students will not only understand the events that led to America's founding, but also reflect on the principles of liberty, sacrifice, and democratic government that continue to shape our nation today.

Highlights:

- Role-play key moments like the Boston Tea Party and the Continental Congress
- Analyze original documents such as the Declaration of Independence
- Explore biographies of both famous and lesser-known patriots
- Participate in map-making, debates, and Revolutionary War strategy games

Join us for a dynamic journey through America's founding—where history meets courage, conflict, and the enduring pursuit of freedom.



13-16 Year Old Classes

Unsolved Case- Files (10:00am-10:50am)

Calling all teen detectives! Each week, students will step into the role of forensic investigators to unravel gripping mysteries filled with twists, secrets, and surprising turns. From cold cases to missing persons, corporate espionage to mysterious letters—no two investigations are the same. Students will dive deep into the clues using realistic case files.

With a mix of immersive storytelling, hands-on analysis, and teamwork, this class brings the thrill of solving crimes to life. Cases are rotated throughout the session to keep students on their toes, encouraging fresh thinking and creative problem-solving every time.

Whether it's for mystery lovers, future forensic scientists, or puzzle-solving pros—this class is the perfect blend of suspense, science, and fun!

What Students Will Do:

- Analyze physical and digital evidence
- Examine witness statements
- Build theories and test them
- Present final case findings as a team

Forensic Science (11:00am-11:50am)

Explore the fascinating intersection of science and justice in this immersive forensic science course. Designed for teens with a passion for true crime, biology, or technology, this class dives deep into the methods used by real forensic experts—from DNA analysis and toxicology to ballistics, cybercrime, and criminal profiling. Students will engage in lab-style investigations, simulate crime scene reconstructions, study wrongful convictions, and even conduct their own mock trials. With case studies, ethical debates, and hands-on experiments every step of the way, students will develop critical thinking, teamwork, and investigative skills while uncovering the science behind solving crimes.



Clubs

Pokemon Club & Board Games- All ages (Student led) (1:00pm-1:50pm)

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 Club- All ages (Student led) (1:00pm-1:50pm)

Welcome to Play-Doh Club — where creativity takes shape! In this hands-on club, children will roll, squish, sculpt, and imagine their way through exciting weekly themes using Play-Doh and other sensory-friendly materials. Each session is designed to support fine motor development, early STEM thinking, and social interaction through play and open-ended exploration.

Students will:

- Strengthen hand muscles and coordination through creative sculpting
- Explore shapes, patterns, textures, and simple structures
- Express ideas through themed challenges like “build a zoo,” “create a food truck,” or “make a monster”
- Collaborate with peers and build confidence through playful problem-solving

Whether we're making Play-Doh pizzas or creating a tiny city, Play-Doh Club is a joyful space for imagination, learning, and sensory play!

Sewing - Ages 7 and up (Teacher led) (1:00pm-1:50pm)

Ready to thread the needle and power up the machine? In this 15-week beginner-friendly sewing course, students ages 7 and up will learn the basics of machine sewing while building confidence, creativity, and practical skills. Starting with how to use a sewing machine safely, students will progress through fun, hands-on projects that introduce key techniques like straight stitching, pivoting, hemming, and working with patterns.

Projects may include simple items like pillows, tote bags, bookmarks, scrunchies, and more—each building on the skills learned the week before. Students will learn how to troubleshoot their machines, choose fabrics, measure and cut accurately, and even design their own small projects by the end of the session.



What Students Will Learn:

- Sewing machine parts & safety
- Threading, bobbins, and stitch types
- Fabric basics: cutting, pinning, and pressing
- Reading and following simple patterns
- Confidence in creating handmade items

No prior experience required! All students will receive guided instruction and support as they learn at their own pace. This is a fun, relaxed class that celebrates creativity and skill-building—perfect for young makers ready to bring their ideas to life, one stitch at a time.

Youtube Channel - Ages 13-16 (Student led) (1:00pm-1:50pm)

Welcome to Tree of Life Co-op's official teen-run channel!

Here, students ages 13-16 take the reins—filming, editing, and sharing their favorite moments, stories, and behind-the-scenes adventures from co-op life. From class highlights and interviews to day-in-the-life vlogs, skits, and creative projects, this is the place where Tree of Life teens branch out, express themselves, and show the world what co-op learning is really all about.

Follow along as we grow, learn, laugh, and share our journey—one video at a time!

📺 Real students. Real stories. Real fun. 🌱

Lego Club- All Ages (Student led) (2:00pm-2:50pm)

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.



Choir- Ages 7 and up (Teacher led) (2:00pm-2:50pm)

Join us for a fun and engaging introduction to choral singing! In this beginner-level choir class, students will explore the joy of music through singing, movement, and creative expression. Designed for young vocalists with little to no prior experience, this course builds foundational skills in pitch, rhythm, breath control, and vocal health while fostering teamwork and confidence. Through playful warm-ups, interactive games, and age-appropriate songs, students will learn how to use their voices expressively—both as individuals and as part of a group. The class will culminate in a final performance to showcase their hard work and progress.

Class Objectives:

- Demonstrate proper singing posture and breathing technique
- Match pitch and sing in tune with others
- Understand and apply basic musical concepts (e.g., dynamics, tempo, rhythm)
- Sing confidently in unison, rounds, and simple two-part harmony
- Build listening, collaboration, and stage presence skills

Theater- Ages 7 and up (Teacher led) (2:00pm-2:50pm)

Lights, camera, imagination! In this fun and engaging theater class, students ages 7 and up will explore the exciting world of acting, storytelling, and stage performance. Through games, improvisation, character-building activities, and short scripts, students will develop confidence, creativity, and teamwork—whether they're brand new to the stage or budding performers.

Each week, we'll build performance skills like voice projection, expression, movement, and stage presence in a supportive and playful environment. The class will culminate in a mini showcase where students can shine and share their talents with family and friends.

What Students Will Learn:

- Basic acting techniques
- Expressive movement and voice
- Character creation and storytelling
- Confidence and public speaking
- Working together as a cast

All levels are welcome—just bring your imagination and your best dramatic flair!