

Grade 1

Advanced/ Beginner Swim (Sessions 1, 2, and 3)

To determine your child's ability level, please refer to the descriptions below. All children will be tested by the instructors on the first day of each session and appropriately placed based on their ability level.

Note: A student must be enrolled in Enrichment/Recreation to participate in the swimming program

Advanced Beginner: Child must be able to swim the length of the pool (25 yards) using the freestyle stroke in 7-foot deep water.

Batter Up! (Session 2)

Learn the game. Build your skills. Have a blast! Get ready to hit, run, field, and throw! In this fun class, students will learn the basic rules of baseball while building muscle control, coordination, and confidence. It's the perfect way to dive into the exciting world of striking and fielding sports – all while staying active and having a great time with friends!

Beginner Swim (Session 1, 2, and 3)

To determine your child's ability level, please refer to the descriptions below. All children will be tested by the instructors on the first day of each session and appropriately placed based on their ability level.

Note: A student must be enrolled in Enrichment/Recreation to participate in the swimming program.

Beginner: Child must be able to comfortably submerge their head in the pool.

Build a World (Sessions 2 and 3)

In this creative, geography-based class, students will imagine and build their very own world. Through mapmaking, culture creation and landmark design, students will blend storytelling, geography, and art to develop a unique civilization from the ground up. Along the way they will draw, build, write, and explore as they bring their original world to life.

Cartooning and Comics (Sessions 1 and 3)

In this creative class, students will be given the opportunity to bring their imagination to life through the creation of cartoons and comics. Students will create their own characters and learn about how to develop and structure a story. They will also learn about the specific features used to bring comics to life such as speech bubbles, panels, etc. to create their own set of comics they can bring home with them at the end of the session.

Chess: Basics and Beyond (Sessions 1, 2, and 3)

This beginning level class is designed to take each student from basic knowledge to a more proficient level of play. Students will:

- Learn opening principles of the game: setting up the board and moving the pieces
- Study special rules: castling, under promotion, and en passant
- Understand pins, forks, check and checkmate
- Master quick ways to win, including the 4-move checkmate and the 2-move checkmate
- Study the history of chess... and much more.

Chess: Competitive (Sessions 1, 2, and 3)

This class is for students with advanced technical knowledge of the game and who enjoy competitive game play. This is the ideal choice for students who would like to compete in state and national tournaments. Students will:

- Study notation
- Review famous games
- Practice the rules of tournament play
- Learn more complex openings
- Practice understanding the opponent
- Study end game techniques... and much more.

Chess: Great Gameplay (Sessions 1, 2, and 3)

This class requires knowledge of all concepts listed under "Basics and Beyond." This course focuses on starting and completing a full game. Students will:

- Review tactics such as pins, forks, and getting out of check
- Learn notation
- Master opening strategies and middle game planning
- Study common end game combinations such as king and two rooks, king and queen, and king and one rook
- Review games... and much more.

Democracy for Kids: Mini-Town Council (Session 1)

In this class, young students learn how democracy works by creating their own "mini town," making simple rules together, and practicing how voting, turn-taking, and listening to others' ideas help groups make decisions. They'll hold pretend elections (with kid-friendly "issues" like which game to play or how to decorate the room), run a mini "town council" meeting, and see how everyone's voice can shape what happens in their community.

Diamonds and Perlors (Session 3)

Take time to follow patterns or create your own with diamond art, Perler fusion beads, and more. Through these fine motor crafts, students will have the freedom to create beautiful art on a smaller level using different three-dimensional mediums. This class will be self-paced and flexible so that students can create what they'd like over the two-week session. All projects will be sent home as they are completed.

Diggin' Dinos (Session 1)

Dino Detectives: Explore the World of Dinosaurs. Dig into the fascinating, extinct world of dinosaurs! In this introductory class, students become junior paleontologists as they study different dinosaurs—learning their names, classifications, sizes, habitats, diets, and more. A prehistoric adventure awaits!

Escape! (Session 2)

Help Open the Lock! Team up to crack the code and unlock the mystery! Participants work together to solve a series of engaging puzzles, building essential skills in critical thinking, collaboration, creativity, and communication. A fun, hands-on challenge that strengthens teamwork and problem-solving – perfect for curious minds!

Exploring Math (Sessions 1, 2, and 3)

Math Explorers: Hands-On Fun with Numbers! Build early math skills through fun, hands-on activities that bring numbers to life! Students will explore math using art, literature, manipulatives, and puzzles. Each session introduces fresh challenges and creative ways to think about math. This is an exploratory course designed to spark curiosity – not a review class – so students are encouraged to sign up for multiple sessions and keep the math adventure going!

FUNtastic Fine Arts (Sessions 1 and 2)

Cover multiple disciplines in one hour! Each session, students will follow a different theme in literature which carries over into art and music. In art, students will complete a wide variety of activities which may include painting, drawing, collage work, sculpture, and puppetry. In music, students will explore the world around them using a variety of media, including music, movement, and homemade instruments.

Hands off! Feet only! (Session 3)

World Cup winner! This course teaches basic skills and rules for the most popular sport in the world – soccer. Great for those who have little or no experience, or those who just want to get better at the basics

Interesting Insects (Sessions 1, 2, and 3)

Did you know more bugs live in a single square yard of your lawn than people living in your entire neighborhood? Using an investigative approach, this popular class invites students to shrink down and explore the fascinating world of insects. Students will discover the important roles bugs play in our environment – the good, the bad, and everything in between!

International Children’s Games (Sessions 2 and 3)

Play Around the World! Discover how children from different cultures play and learn! Through games, stories, and hands-on activities, students will explore traditions and customs from around the globe – seeing the world through the eyes of kids just like them.

Little Community Helpers (Sessions 1 and 3)

Young students work together to design a pretend town with houses, parks, schools, and community helpers, using art supplies and big floor maps. Through cooperative games and role-play, they learn how neighbors, helpers, and teams all connect to keep a community safe and happy.

Little Leapers Obstacle Course (Session 1)

Little Leapers is all about learning to move like a pro! Students will practice parkour-inspired skills like jumping, vaulting, and balancing using the Railyard Fitness course in a safe and supportive environment. Each obstacle is designed to help build body awareness and agility while having a great time. Kids will navigate new courses each day, making every class an adventure in movement!

Living Under the Sea (Sessions 1, 2 and 3)

Put on your mask and flippers and dive right in to explore the amazing world beneath the waves! In this exciting course, students will discover a wide variety of fascinating fish, marine mammals, and other ocean creatures that call the sea their home. Through hands-on activities, stories, and multimedia presentations, learners will uncover how these animals live, survive, and interact within their underwater habitats. Along the way, students will gain an appreciation for ocean ecosystems and the importance of protecting our marine environment. Perfect for curious explorers eager to dive deep into the wonders of the ocean!

Making it Work (Sessions 1 and 2)

Students will dive into the world of pushing and pulling forces by building their own simple machines. Exploring levers, pulleys, inclined planes, and axles, they'll design, plan, create, test, and improve fun projects like catapults and pulley systems. This hands-on course encourages creativity and problem-solving while bringing physics concepts to life!

Movin' and Groovin' (Session 2)

Develop and challenge your expressive and creative talents through a variety of dance and movement explorations. No previous dance experience is needed – just bring your energy and imagination! Each session concludes with a relaxed performance to share with family and friends.

Note: Comfortable, loose clothing should be worn.

Nature's Canvas (Session 2)

Nature provides the perfect backdrop for this hands-on artistic adventure! Students will learn about the fascinating lives of plants and animals through a variety of activities, including nature walks to identify local flora and insects, engaging with stories about the natural world, and creating unique artwork using materials found outdoors. This class fosters curiosity and a deeper appreciation for the environment through creative exploration.

NU CTD Astronomy and Physics (Session 2)

Where are the stars during the day? Why is the universe constantly in motion? Can anything overcome gravity? Discover which forces in the universe keep the planets in motion and explore the mysteries of our solar system. Conduct experiments to explore the effects of gravity and write lab reports, while becoming acquainted with the scientific method.

Special Notes:

- This class is a 3-hour course. No other Enrichment courses can be chosen during the session.
- Lunch and recreation can be added to the registration of this class.

NU CTD Detective Math (Session 3)

A good detective looks for clues and patterns to solve a mystery. Identify patterns to break math codes, apply problem solving strategies to decipher logic puzzles, and create simple equations based on story problem clues. Test your new math and deductive reasoning skills on other detectives by creating your own stories, riddles, and mysteries!

Special Notes:

- This class is a 3-hour course. No other Enrichment courses can be chosen during the session.
- Lunch and recreation can be added to the registration of this class.

NU CTD Engineering: Designing Sailing Ships (Session 2)

Imagine vessels on which to sail the seas and then set a course to learn about how ships are designed and built. Like naval architects, examine the keels, hulls, and masts of a variety of ships and the methods used to assemble them, extending analytical and engineering skills throughout the process. The design and problem-solving approaches used in this course are foundational for the ongoing study of engineering and architecture.

Special Notes:

- This class is a 3-hour course. No other Enrichment courses can be chosen during the session.
- Lunch and recreation can be added to the registration of this class.

NU CTD Life Science: Blood and Bones (Session 3)

Can you believe your bones and blood are constantly buzzing with activity? Investigate systems of cells circulating within the human body. Engage in activities ranging from creating models of cells and organs to demonstrating the effects of exercise on circulation. Hone your scientific inquiry skills by making connections between your experiences and new knowledge of the skeletal and circulatory systems.

Special Notes:

- This class is a 3-hour course. No other Enrichment courses can be chosen during the session.
- Lunch and recreation can be added to the registration of this class.

NU CTD Physics: Force and Motion (Session 1)

In this fast-paced course, investigate and apply physics principles by designing and building marble mazes and vehicles that move. What begins as a question of speed becomes a fun ride on the road of creative reinvention, where design engineering skills get better with every test drive. Can you win a marble maze race by going the slowest? Discuss physics examples from human history and the animal world. Skills in computational thinking, observation, and data collection are developed for the ongoing study of engineering, physics, and other lab sciences.

Special Notes:

- This class is a 3-hour course. No other Enrichment courses can be chosen during the session.
- Lunch and recreation can be added to the registration of this class.

NU CTD Young Entrepreneurs: Business Origins (Session 1)

How did businesses like Netflix, Apple, and Starbucks start? What was their initial mission and what drives them today? In this course, learn about the origin stories of your favorite businesses, both big and small. Research and craft questions to better understand the initial goals, targeted audience, and growth of a business. Develop analytic thinking skills as you use numbers and words to tell the story behind your favorite business' success. Ultimately, work to propose ideas for an existing business' future growth or become an entrepreneur as you write your own business' origin story.

Special Notes:

- This class is a 3-hour course. No other Enrichment courses can be chosen during the session.
- Lunch and recreation can be added to the registration of this class.

Parlare, Ballare, Cantore! (Session 2)

Learn basic Italian greetings, sayings, colors, songs, and foods with fun songs, stories, maps, pictures, and dances. Students will build confidence while exploring the basics of a new language.

Passport Around the World (Session 1)

In this class, students will explore the geography, culture, and traditions of other countries around the world through videos, stories, music, and hands-on activities. They will learn fun facts about faraway places and get a better understanding of the big and diverse world around us.

Read, Write (Sessions 1, 2, and 3)

Build on the reading, decoding, and writing skills developed in kindergarten through fun, literature-based lessons. Each session features exciting stories, reading strategies, writing exercises, and creative projects – each one unique! Sign up for multiple sessions and help your child grow confident in reading and writing.

Science Sampler (Sessions 1, 2, and 3)

Dive into the wonders of the world around us! In this hands-on class, students will explore exciting scientific topics such as color and light, rocks and minerals, plants and animals, land and water, and even outer space. Through interactive experiments and investigations, young scientists will build curiosity, knowledge, and a lasting love of discovery.

See The USA (Sessions 1 and 3)

Pack your bags for a journey across America – no passport required! Each day, students will explore a different U.S. state through engaging games, catchy songs, fun puzzles, and hands-on activities. Along the way, they'll discover each state's location, capital, nickname, state bird, famous people, and iconic landmarks. This class offers a lively and memorable introduction to U.S. geography and history – perfect preparation for future Social Studies success!

Taking Root (Session 3)

Help your students “take root” in this class. Increase students’ understanding of trees and seeds around us. This class will include activities focused on seed growth and dispersal, tree life cycle, and habitat characteristics. Unique to Avery Coonley is the access to the wonderful Maple Grove Forest Preserve just next door. Students will be able to witness in real time all that the forest provides us.

Theater Arts for the Younger Student (Session 1)

Do you have a flair for the dramatic? Put that creative energy to good use! This high-energy course is all about building imagination, confidence, and collaboration through a variety of theater games and activities. Designed for full and active participation, students will explore acting, movement, improvisation, and character development. Each two-week session will culminate in a lively public performance that showcases their hard work and creativity on stage. No previous experience needed – just bring your enthusiasm!

Your Amazing Body (Sessions 1 and 2)

Explore the incredible machine that is your body! In this hands-on course, students will learn about the major systems that keep us moving and healthy. They’ll study the skeleton structure, how muscles work to create movement, the protective role of the skin, and the vital functions of the heart and circulatory system. Students will also discover how the body defends itself from germs and heals after injury, fostering a deeper understanding and appreciation of their own health and wellbeing. Through fun activities and experiments, this course brings the human body to life in a way that’s both educational and exciting!

Grade 1

Class	Grades	9:00	10:00	11:00	
Session 1					
Cartooning and Comics	K-1			X	
Chess: Basics and Beyond	K-8		X		
Chess: Competitive	K-8			X	
Chess: Great Gameplay	K-8	X			
Democracy For Kids: Mini Town Council	K-1	X			
Diggin' Dinos	1-2		X		
Exploring Math	1-2	X			
FUNtastic Fine Arts	K-2			X	
Interesting Insects	K-1		X		
Little Community Helpers	1-3			X	
Little Leapers Obstacle Course	K-2	X			
Living Under the Sea	K-1	X			
Making it Work	1			X	
NU CTD Physics: Force and Motion	1-2	X	X	X	
NU CTD Young Entrepreneurs: Business Origins	1-2	X	X	X	
Passport Around the World	1		X		
Read, Write!	1-2	X			
Science Sampler	1-2		X		
See the USA	1-2		X		
Theater Arts for the Younger Student	1-2	X			
Your Amazing Body	1-2			X	
Session 2					
Batter Up!	K-1	X			
Build a World	1-2			X	
Chess: Basics and Beyond	K-8	X			
Chess: Competitive	K-8			X	
Chess: Great Gameplay	K-8		X		
Escape!	1-2		X		
Exploring Math	1-2		X		
FUNtastic Fine Arts	K-2			X	
Interesting Insects	K-1			X	
International Children's Games	1-2		X		
Living Under the Sea	K-1		X		
Making it Work	1			X	
Movin' and Groovin'	1-2			X	
Nature's Canvas	K-1		X		

NU CTD Astronomy and Physics	1-2	X	X	X	
NU CTD Engineering: Designing Sailing Ships	1-2	X	X	X	
Parlare! Ballare! Cantore!	1-3	X			
Read, Write!	1-2	X			
Science Sampler	1-2			X	
Your Amazing Body	1-2		X		
Session 3					
Build a World	1-2	X			
Cartooning and Comics	K-1		X		
Chess: Basics and Beyond	K-8			X	
Chess: Competitive	K-8		X		
Chess: Great Gameplay	K-8	X			
Diamonds and Perlors	1-4		X		
Exploring Math	1-2			X	
Hands off! Feet only!	1-2			X	
Interesting Insects	K-1	X			
International Children's Games	1-2		X		
Little Community Helpers	1-3		X		
Living Under the Sea	K-1			X	
NU CTD Detective Math	1-2	X	X	X	
NU CTD Life Science: Blood and Bones	1-2	X	X	X	
Read, Write!	1-2	X			
Science Sampler	1-2			X	
See the USA	1-2	X			
Taking Root	1-2		X		