

Grade 4

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.

Adventure Writing (Sessions 2 and 3)

Love creative writing? In this imaginative class, students become the authors of their own interactive picture books—stories where the reader chooses the path and the outcome! Using creativity and storytelling skills, each student will craft tales full of twists, turns, and endless possibilities. Perfect for curious, out-of-the-box thinkers who love to dream big and write even bigger!

Author, Author (Sessions 2 and 3)

Ready to become a published author? In this inspiring class, students will create their very own books – from the first brainstorm to the final illustration, cover, and title page! Along the way, they'll learn the full writing process: drafting, proofreading, editing, and polishing their stories for readers to enjoy. With age-appropriate lessons in grammar, writing mechanics, and style, students will grow as writers while expressing their unique voices. Sharing their finished books with classmates, family, and friends makes the journey even more exciting! Each session brings new themes, fresh inspiration, and fun challenges – so join us again and again for hours of creative storytelling!

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.

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

Beginning Basketball (Session 1)

Dribble, pass, shoot, and score! Budding athletes will build their motor skills while learning the fundamentals of basketball. Using eight-foot baskets and smaller-sized basketballs, players will enjoy a supportive and fun environment designed for success and confidence on the court.

Bing, Bang, BOOM! (Sessions 1 and 2)

STOMP... ACS Style! Get ready to make some serious noise—in the best way possible! In this high-energy, hands-on class, students will dive into the exciting world of percussion. They'll explore a wide variety of instruments, from boomwhackers, rainsticks, and guiros to djembes, snare drums, bongos, doumbeks, and even coffee cans. Students will collaborate to create and perform their own percussion ensembles, blending rhythm, movement, and creativity using both traditional instruments and imaginative, student-made ones. Whether you're a seasoned drummer or just love to move to the beat, this rhythm-filled adventure is the perfect place to let your inner percussionist shine

Bla-hoot! (Sessions 2 and 3)

This is a new spin on the ACS Summer Program hit, "Blooket Masters!" This year, students will utilize both the Blooket and Kahoot platforms to learn effective gaming strategies when they return to the regular school year. We will play solo and teams, offer our insights to each other, strategize, and learn how to create our own. Students will log in through their own Google accounts, and information about creating one will be sent to parents before the session begins. Get ready to Bla-hoot!

Brain Games (Session 1)

Exercises for the mind! Through a variety of games, puzzles, and activities, students will sharpen their skills and abilities in thinking logically, spatially, mathematically, linguistically, and creatively.

Build Your Own Business (Sessions 1 and 2)

Ready to launch your own business? In this creative and hands-on class, students will explore the evolution of trade – from bartering to e-payments – and discover the variety of currencies used around the world. They'll learn how to set prices, attract customers, and manage resources wisely. With a special focus on sustainability, students will also calculate their "carbon footprint" to understand how to build a business that's good for both people and the planet. Perfect for young innovators ready to think big and act smart!

Calligraphy (Session 2)

Discover the Art of Calligraphy! Slant your pen and explore the beautiful tradition of calligraphy—the art of elegant, stylized writing that dates back to the origins of the written word. The word "calligraphy" comes from the Greek language, meaning "beautiful writing." In this class, students will learn the basics of the Italic Chancery alphabet and use their new skills to create poems, pictures, and other unique projects. Perfect for those who love art, writing, and creativity!

Chapter Book Challenge (Session 2)

Join us for an engaging journey through a classic novel! Each day, students will listen to chapters from the featured book, participate in lively class discussions, and complete thoughtful written responses to deepen their understanding and critical thinking skills.

This summer's featured book for Session 2 is *The Lion, The Witch, and The Wardrobe* – a magical adventure you won't want to miss!

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

Take an advanced chess class with National Master (NM) Kevin Velazquez (2021 Co-State Champion). This is an exciting and positive chess class for students who already understand opening principles, tactics (short-term actions) & checkmating patterns, and wish to improve strategy (long-term outcome) by creating and taking advantage of opponent weaknesses. Students will learn to identify positional chess concepts to generate long-term ideas (strategies) to win the game. Topics may include Strong and Weak Squares, Restricting the opponents' counter-play or pieces, Outposts, Anchor pawns in the enemy camp, the activity of the developed pieces, weak diagonals, rows, and files. This class is for tournament players or students who have progressed beyond basic opening ideas, elementary tactics, and strategies, and have knowledge to arrive at checkmate from numerous positions. NM Velaquez will take competitive students to a higher level of understanding in the opening, middle game, and endgame with emphasis on the step-by-step thought processes a master goes through. This class will include competitive play between the students with the most instructive game being analyzed in front of the class after the game has been concluded. Age is not a requirement but a strong foundation of the basics and beyond is.

Note: Competitive Chess Goals meets for two hours in the afternoon per day and is therefore priced as two courses.

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.

Clay Builders (Sessions 1 and 2)

Fire up the kiln and get ready to create! In this beginner's clay course, students will learn basic ceramic techniques like pinch and coil building. Through hands-on exploration, budding artists will craft unique pieces that will be fired, glazed, and ready to display as beautiful works of art.

Create-a-Play (Session 1)

Build a Play from Scratch! Students will dive into every step of creating a play – from brainstorming ideas and writing script outlines to developing characters and dialogue through discussions and improvisations. They'll rehearse scenes, create or gather sets, props, and costumes, and finally present a full production during the last class. Perfect for creative kids ready to bring their own stories to life on stage!

Creative Concoctions (Sessions 1, 2, and 3)

Science explorers dive into fun, simple science experiments using everyday household ingredients! This hands-on class introduces young scientists to the scientific method – making observations, forming hypotheses, drawing conclusions, and keeping detailed experiment logs. Perfect for curious minds eager to discover how the world works!

CSI – Crime Scene Investigators in Training (Sessions 1, 2, and 3)

Who did it? What does the evidence reveal? In this hands-on, mystery-solving course, students will dive into the world of forensic science using a STEM-based approach. Through engaging activities and real-world scenarios, students will build critical thinking and problem-solving skills as they learn to collect, analyze, and interpret evidence. Topics include fingerprint and footprint analysis, paint spatter examination, witness testimony, general data analysis, and basic evidence collection techniques. Designed to engage a variety of learners, this course brings science and investigation to life!

DaVinci's World (Session 1 and 2)

Learn how one of the greatest minds in history, Leonardo DaVinci, created many inventions that were far ahead of their time. Participants will research, design, and then build replicas of some of his ideas, including the working parachute, tank, and defense tower. The class culminates with a public demonstration of these models.

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.

DNA Detectives: Genetics and Traits in Play (Session 3)

Become a game designer in this biology-inspired maker space class! Students will use digital fabrication tools and creative materials to design board games where players build creatures, solve puzzles, or evolve species. Genetics and traits serve as a fun theme, guiding the design of cards, tokens, and game pieces, but the focus remains on crafting engaging mechanics, strategy, and playable games. By the end, each student will have a one-of-a-kind game that's imaginative, interactive, and 100% hands-on!

Note: DNA Detectives meets for two hours in the morning per day and is therefore priced as two courses.

Materials fee: \$25.00

Dramatic Writers (Sessions 2 and 3)

Calling all actors and writers! This course teaches the fundamentals of theater including acting, improvisation, and stage directions while exploring the important components of public speaking. Students will write and memorize an age-appropriate monologue and present it on the last day!

Enchanted Castle (Sessions 1 and 2)

Journey into the world of classic fairy tales to develop literacy, creativity, and higher-level thinking skills. Through interactive activities, vocabulary-building exercises, and guided discussions, they examine story elements, themes, and character traits. The program concludes with each student crafting an original fairy tale to share with family and friends.

Escape! (Sessions 1 and 3)

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!

Explore the Parks! (Session 2)

Calling all junior park rangers! Take a journey across America's National Parks to explore the wonders of nature, history, and science. Play the role of a park ranger making important park decisions related to visitors' experience, virtually travel through the depths of the Grand Canyon in Arizona to the rocky shoreline of Acadia. These are a few of the activities to learn about the conservationists who created the parks and the geology of these unique landscapes.

Exploring Painting (Sessions 1 and 2)

Calling All Artists: Explore the Art of Painting! Dive into the world of painting as you learn about color theory, brush and non-brush techniques, and composition. Using a variety of paints and mediums, students will create multiple artworks while growing their creative skills and artistic confidence.

Fantasy Baseball (Sessions 1 and 2)

Fantasy Baseball Manager: Build Your Winning Team! Pick your roster, manage your team, and aim for first place! Students will dive into statistical analysis by tracking the real-life performances of their favorite baseball players. Plus, all participants receive a free ticket to a White Sox game – cheer on your team in person!

Fundamentals of Public Speaking (Session 1)

Learn the fundamentals of public speaking while having fun. In this class, students will learn the correct method of writing a two to three-minute speech they will present for the class. Along the way they will also play games that teach projection, hooking the audience's attention, and listening skills.

Galactic Game Design: Exploring Space through Play (Session 1)

Blast off into the universe of creativity! In this out-of-this-world maker space class, students will design board games inspired by astronomy, planetary exploration, and space missions. Using tools like 3D printers and laser cutters, participants will create custom planets, rockets, and cosmic tokens as they learn about orbits, gravity, and the challenges of space travel. By weaving real science into their gameplay, students will develop strategy, storytelling, and design skills – culminating in a board game that's truly universal fun!

Note: Galactic Game Design meets for two hours in the morning per day and is therefore priced as two courses.

Materials fee: \$25.00

Golf Fundamentals (Session 3)

Come and join the Avery Coonley Golf Club! Our classes are taught by a certified instructor trained by the Kids Golf Foundation. Designed for children, this course introduces them to the foundational skills of golf through a variety of full swing stations, chipping challenges, putting courses, and more! The SNAG (Starting New At Golf) equipment, available in different sizes, ensures that kids of all ages can participate. With oversized, colorful clubs, Velcro balls, and targets, this program provides a fantastic opportunity to develop skills in a fun and safe environment. Ready to tee off on your golf journey?

Gotta Dance (Session 2)

Move your body to the beat in this dynamic dance class led by a professional instructor! Students will be introduced to basic techniques from jazz, contemporary, and musical theater dance styles. This fun and energetic course encourages creativity, coordination, and expression.

Note: Comfortable; loose clothing is recommended. Jazz or ballet shoes may be worn but are not required.

History Quest: Time Travelers Game Design (Session 2)

Step into the makerspace and bring history-inspired adventures to life through board game design! In this creative, hands-on class, students will use digital fabrication tools—such as 3D printers, laser cutters, and craft materials—to design and build their own playable board games. Drawing inspiration from historical eras or events, students might create challenges set in ancient civilizations, medieval kingdoms, or future reinterpretations of the past. The focus will be on developing engaging game mechanics, designing custom pieces, and crafting immersive visuals. By the end of the session, each student will have a one-of-a-kind board game that blends creativity, storytelling, and maker skills!

Note: History Quest meets for two hours in the morning per day and is therefore priced as two courses.

Materials fee: \$25.00

Inventors and Artists: Crafting Creations (Sessions 1 and 3)

Unleash your creativity by blending engineering, science, and art! In this class, students will use science experiments to create one-of-a-kind artistic masterpieces. Students will also design and build their own unique inventions while learning how to craft business cards and original advertisements to showcase their creations. This class is a perfect mix of problem-solving, innovation, and self-expression through teamwork and fun!

Junior Democracy Lab: How Decisions Get Made (Session 1 and 3)

Here students dive into how laws and policies are made by exploring branches of government, local decision-makers, and what it means to be a voter. Through simulations, like running a mini election, debating a school or neighborhood issue, and drafting a “kid-friendly” bill, they practice research, public speaking, and respectful disagreement while seeing how their voices could shape real-world change.

LEGO® Science (Sessions 1 and 2)

LEGO® in Action! LEGO® are more than just toys—they’re tools for learning! This popular curriculum introduces students to simple machines and structures by building their own working models. Through hands-on assembly, students explore the physical principles behind how things work.

Look Out, Rube Goldberg! (Session 1)

Build amazing and complex machines to accomplish very easy tasks. That is what cartoonist Rube Goldberg was famous for, and that is what teams do in national competitions. That is what students will be doing at ACS. A fun and interesting way to develop higher levels of thinking in science, logic, and creativity.

Master the Art of Navigation! (Session 2)

Not all who wander are lost! This orienteering class combines outdoor adventure with critical thinking as students learn advanced map-reading, compass skills, and trail navigation. Students will work in teams to tackle real-world navigation scenarios, complete timed challenges, and explore unmarked paths. Whether plotting courses through the woods or deciphering navigation clues, participants will develop confidence, independence, and outdoor expertise. Perfect for aspiring adventurers and problem-solvers alike!

Math in Art (Sessions 1 and 2)

Discover the fascinating connection between mathematics and art! In this engaging summer class, students will explore concepts like the golden ratio, fractals, tessellations, and symmetry. They'll see how these mathematical principles influence art across different cultures and throughout history and use what they learn to create their own beautiful, math-inspired artworks.

Miniature Home Designer! (Session 1)

During this two-week session, students will explore the elements of good home design. Thinking about form, function, and aesthetics, students will design an actual miniature home with paint, textiles, furniture, and more. Miniature houses, including all the designed components from class, will be sent home at the end of the two-week session to keep! Bring your best design ideas and get ready to make it a reality!

Materials fee: \$45.00

Miniature Home Designer 2.0 (Sessions 2 and 3)

Are you interested in designing your own miniature house, but want to be more involved in building and creating the home and furniture? Miniature Home Designer 2.0 is the class for you! This extended class will incorporate the design process of paints and textiles, but with an additional twist. Students will build their house kit from opening the box to completion. We will also design furniture, doors, decorations, and more using 3D modeling software for 3D printing and laser cutting. All materials, including the miniature house, will be sent home at the end of the session.

Note: Miniature Home Designer 2.0 meets for two hours in the afternoon per day and is therefore priced as two courses.

Materials fee: \$45.00

Movin' and Groovin' (Session 3)

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.

Musical Theater Dance: Rising Stars (Session 1)

A chance for the younger students to experience the wonders of musical theater. Performing artists will learn the basic elements of acting and dancing to their favorite musicals. The session culminates with a debut performance in the ACS Performing Arts Center for family and friends.

Note: by enrolling in this class, you agree to your image being used on our secure ACS link.

NU CTD Chemistry: Liquids and Mixtures (Session 2)

As an aspiring scientist, develop your reasoning skills through exploration of the properties of liquids, solids and gases, including differences in shape, boundaries, visibility and stability. Create your own fantastic concoctions, observe the amazing (sometimes messy) results, and document discoveries and conclusions.

Admission Criteria, Grades 3-4:

- Scores of 90% or above in either verbal or math
- If no scores are available, portfolio can be submitted for grades 3-4
- Portfolio is a grade report and a teacher recommendation
- Registration for this course is not complete until paperwork is fully submitted
- Avery Coonley students are pre-qualified. No additional paperwork is required

NU CTD Civil Engineering: LEGO® Metropolis (Session 2)

Study unique architectural designs to inspire original LEGO® structures. Explore the impact of environmental factors such as climate when choosing building materials, or availability of space when deciding whether to build out or up. As aspiring engineers, sketch, plan, map, and build a class metropolis with LEGO® architecture bricks and consider what external factors led to the design of a greenhouse geodesic dome, or the gherkin-shaped city hall in London. Then, apply your new knowledge to build a mini-metropolis out of LEGO® bricks.

Admission Criteria, Grades 3-4:

- Scores of 90% or above in either verbal or math
- If no scores are available, portfolio can be submitted for grades 3-4
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- Registration for this course is not complete until paperwork is fully submitted
- Avery Coonley students are pre-qualified. No additional paperwork is required

NU CTD Digital Architects (Session 1)

How do architects use math, physics and art to design buildings? Explore the architectural design process through hands-on building projects, blueprint sketching, and digital modeling software. As novice architects, investigate how buildings come to be and how people interact with the built environment. Using famous and historically significant architecture for inspiration, experience how math and art come together.

Admission Criteria, Grades 3-4:

- Scores of 90% or above in either verbal or math
- If no scores are available, portfolio can be submitted for grades 3-4
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NU CTD Dimensions of Geometry (Session 3)

Complete playful challenges and hands-on projects that satisfy your inner puzzle master and call for using spatial visualization skills to extend your understanding of geometry. Exploring, creating, and finding new ways to play with objects in two and three dimensions.

Admission Criteria, Grades 3-4:

- Scores of 90% or above in either verbal or math
- If no scores are available, portfolio can be submitted for grades 3-4
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NU CTD Fairy Tale Ethics (Session 3)

Revisit classic fairytales to explore topics of fairness, justice, and human rights. Work individually and in teams to pose, research and answer ethical questions found in well-known stories. Develop preliminary debate skills and practices and attempt to craft airtight arguments.

Admission Criteria, Grades 3-4:

- Scores of 90% or above in either verbal or math
- If no scores are available, portfolio can be submitted for grades 3-4
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NU CTD Under the Microscope (Session 1)

Using microscopes and other scientific tools, explore tiny worlds outdoors. Fascinating details wait to be discovered when ants, worms, plants, soil and water are examined in sharp focus. Gather and examine samples under a microscope, and sketch what you find. Using natural materials, build a dioramic view of the tiny world you've discovered.

Admission Criteria, Grades 3-4:

- Scores of 90% or above in either verbal or math
- If no scores are available, portfolio can be submitted for grades 3-4
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- Registration for this course is not complete until paperwork is fully submitted
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Nutty Nutcracker (Session 3)

The holiday classic – without the snow! In this course, students will jump, turn, leap, and sword fight their way through the familiar Christmas tale while exploring a variety of ballet movements as they produce one Nutty Nutcracker performance on the final day.

Note: No previous dance experience required. Ballet shoes may be worn but are not required; students should wear comfortable, loose clothing.

Parkour Challenge Course (Session 2)

Take movement skills to the next level. Using the Railyard Fitness system, students will practice parkour basics like vaults, precision jumps, and soft landings. Each session includes a dynamic obstacle layout with balance beams, platforms, and jumps, where students can test their speed, agility, and creativity. With new setups each day, this course builds strength, confidence, and problem-solving skills while making fitness an exciting adventure!

Penning Poems (Sessions 1 and 3)

Be inspired by the magic of poetry! Young writers will explore the structure of various poetic forms to spark their creativity and imagination. With an emphasis on the creative writing process, students will craft their own original poems and compile them into a beautiful book to take home and share.

Pine Car Derby (Sessions 2 and 3)

Build, Race, Win: The Coonley Cup Challenge! Physics, engineering, and racing—oh my! Students will design and build their own wooden cars, then race them against their classmates' creations. Who will cross the finish line first and claim the coveted Coonley Cup? Get ready for hands-on fun, friendly competition, and a race to remember!

Power of Observation (Sessions 1 and 2)

Unlock the transformative skill of keen observation in this course designed to sharpen your awareness, deepen your understanding, and enhance your ability to notice the details others might miss. Through practical exercises and guided techniques, you'll learn to observe your surroundings, interactions, and internal thoughts with clarity, improving problem-solving, creativity, and decision-making. Mastering the art of observation can open doors to new insights and opportunities.

Puppetry Theater Workshop (Session 3)

Step into the world of storytelling and imagination! In this hands-on class, students will design and create their own puppets, collaborate to write engaging scripts, and rehearse scenes that bring their characters to life. The session culminates in a lively performance where students showcase their creativity, teamwork, and theatrical skills.

Raiders of the Lost Arch(aeology) (Session 2)

Adventures in Archaeology: Uncovering World Cultures. Follow in the footsteps of Indiana Jones! In this exciting course, students will explore the worlds of archaeology, geography, history, and sociology as they investigate cultural treasures from around the globe. Through hands-on projects and global case studies, students will uncover the stories behind ancient artifacts, sacred sites, and lost civilizations. This is a great opportunity to develop critical thinking skills and gain a broader understanding of the diverse cultures that shape our world.

Science Olympics (Session 2)

Dive into the world of hands-on science! This course focuses on experimentation and discovery, turning the world into your classroom. Students will actively explore scientific concepts through fun, engaging experiments that spark curiosity and a love for learning

Seven Windows on the Forest (Sessions 1 and 3)

This interdisciplinary adventure invites students to explore the interconnected world of forests and the creatures that inhabit them. By integrating math, science, and language arts, learners will develop a deeper understanding of the importance of trees, ecosystems, and the delicate balance of nature.

Shaking up Shakespeare (Session 3)

Calling all thespians for an opportunity to explore exciting and innovative improvisation games, followed by a mini production of William Shakespeare's tragedy *Julius Caesar*! Students will learn public speaking, stage presence, timeless literature, history, costuming, and teamwork throughout the 2-week course. The short performance will be shared with families on the last day.

Sing! Sing! Sing! An Intro to Choir (Session 3)

Do you love to sing? Come be part of the ACS Summer Program Choir! In this fun and welcoming class, students will learn proper vocal technique, how to sing expressively, and how to blend as a group. Together, we'll work on a variety of choral pieces and prepare a special mini performance at the end of the session. Whether you're new to singing or already love to perform, bring your voice, your favorite songs, and your enthusiasm – and join the choir this summer!

Soccer Skills (Session 3)

In this class, your child will learn the basics of soccer, including dribbling, passing, and shooting goals. Through mini-games, tournaments, and team-building activities, students will have a blast while developing their skills and love for the game.

Socratic Seminar Speaking in a Circle! (Sessions 2)

Public Speaking! Socratic Seminar! Improvisation! Students will build confidence by learning to confidently speak ideas and thoughts about many topics from art to gum in schools to 4-day work weeks. Students will research and share their ideas in a safe and fun environment while also exploring tongue twisters and improvisation games that build articulation and confidence.

Space: A Summer Frontier Stardate: 2026 (Sessions 1 and 3)

Blast off into space exploration in this exciting class designed for young astronomers and sci-fi fans alike! Students will dive into hands-on activities that make space science come alive – building models of the solar system, simulating space missions, and experimenting with planetary concepts. Alongside these interactive experiences, students will read both fiction and nonfiction books that fuel curiosity and deepen their understanding of our universe. Whether they're drawn to the facts of astronomy or the thrill of imaginative stories, participants will journey across the cosmos in this fun and educational adventure through space!

Sports Announcing (Session 2)

Step into the spotlight and experience the excitement of calling the game! In this class, students will learn the skills of a sports announcer—writing scripts, practicing play-by-play commentary, interviewing athletes, and using their voice to bring the action to life. Students will build confidence, teamwork, and communication skills while creating their own sports broadcasts and highlight reels.

Stamp Lab 1: Carve, Ink, Create! (Session 2)

Printing is the transfer of ideas onto surfaces. From Hokusai's The Great Wave off Kanagawa to modern T-shirt companies, printing is the foundation of art all around us. Students will learn about various forms of manual printing, and explore line, texture, shape and color to design and carve stamps out of various materials. The course will culminate in printing a self-designed wearable item!

Storytelling (Sessions 1 and 2)

Storytelling: Spin a Tale, Steal the Show! Captivate your audience in this exciting storytelling class! Step back in time to an era before radio, TV, or the internet – when tales were passed from person to person by live performers. Young storytellers will build speaking, listening, writing, and performance skills as they craft and present their own original tales. Through fun, hands-on activities, students will explore the elements of plot, character, pacing, and voice, learning how to bring their stories to life. Whether spooky, silly, or suspenseful, these tales will showcase each student's creativity and imagination – building confidence with every word!

Theater Arts (Session 1)

Calling all new thespians! This exciting course introduces students to the fundamentals of theater, including acting techniques, improvisation, voice projection, character development, and stage presence. Through fun games, exercises, and rehearsals, students will build confidence and collaboration skills as they prepare for a final performance. The session culminates in a lively show open to family and friends during the last class.

Ukulele (Session 3)

Join the ukulele craze that started in 1915 and is still going strong! In just two weeks, students will learn to play this charming, sweet-sounding instrument. With only four strings, beginners can quickly master techniques and songs spanning folk to pop. The session concludes with a fun recital where students proudly showcase their new skills!

Vive la France (Session 2)

Embark on a journey through France as you learn about delicious French foods, play authentic French games, and take virtual visits to famous French monuments. In this introductory course for beginning French students, you'll learn basic expressions and vocabulary through interactive games, songs, and group activities. Perfect for students with no prior background in French!

Wild Math (Session 3)

Sharpen your math skills while having fun! In this engaging course, students will play interactive games and create hands-on projects designed to strengthen their understanding of key math concepts—all without even realizing they're learning. Whether it's through puzzles, board games, friendly competitions, or creative activities, students will build number sense, logic, and problem-solving skills in an exciting, low-pressure environment. It's the perfect way to stay sharp over the summer while having a blast!

Wizard World (Sessions 1 and 3)

Wizards & Wands: A Magical Journey! Grab your wands and pack your trunks – it's time to board the Avery Coonley Express! Designed for fans of the wizarding world who have read the books, seen the movies, or simply love all things magical, this class offers an unforgettable adventure. Students will be sorted into houses, compete for the House Cup, and attend classes like Potions, Care of Magical Creatures, and Spellwork. They'll learn to "fly" on broomsticks, craft their own magical supplies, solve puzzles to escape from wizard jail, and take part in collaborative challenges that bring their favorite world to life. Expect plenty of creativity, teamwork, and imagination in this magical experience!

Wonders of the World (Session 3)

What makes something worthy of the title "Wonder of the World"? In this thought-provoking class, students will explore Ancient, Natural, and Modern Wonders of the World, learning about their history, geography, and significance. Using critical thinking skills, students will analyze what makes these sites truly amazing—and create their own unique lists of wonders. This class is a fun and interactive way to deepen understanding of world geography and cultural heritage.

Grade 4

CLASS	GRADES	9:00	10:00	11:00	12:30
Session 1					
Beginning Basketball	3-4		X		
Bing! Bang! BOOM!	4-8			X	
Brain Games	3-4			X	
Build Your Own Business	3-5	X			
Chess: Basics and Beyond	K-8		X		
Chess: Competitive	K-8			X	
Chess: Competitive Goals	3-8				X
Chess: Great Gameplay	K-8	X			
Clay Builders	3-4	X			
Create-A-Play	4-6	X			
Creative Concoctions	3-4			X	
CSI: Crime Scene Investigators in Training	3-5	X			
DaVinci's World	4-5	X			
Enchanted Castle	2-4		X		
Escape	3-4	X			
Exploring Painting	3-4			X	
Fantasy Baseball	4-8		X		
Fundamentals of Public Speaking	3-5		X		
Galactic Game Designers: Exploring Space Through Play	4-6		X	X	
Inventors and Artists: Crafting Creations	3-5		X		
Junior Democracy Lab: How Decisions Get Made	3-5		X		
LEGO® Science	3-5		X		
Look Out, Rube Goldberg!	3-6		X		
Math in Art	3-4	X			
Miniature Home Designer!	2-4			X	
Musical Theater Dance: Rising Stars	3-5		X		
NU CTD Digital Architects	3-4	X	X	X	
NU CTD Under the Microscope	3-4	X	X	X	
Penning Poems	3-4			X	
Power of Observation	3-5		X		
Seven Windows on the Forest	2-4		X		
Space: A Summer Frontier	3-5			X	
Sports Around the World	2-4			X	
Storytelling	3-5	X			
Theater Arts	3-5			X	
Wizard World	3-4			X	

Session 2					
Adventure Writing	4-5			X	
Author, Author	3-5			X	
Bing! Bang! BOOM!	4-8			X	
Bla-hoot	3-4	X			
Build Your Own Business	3-5	X			
Calligraphy	3-5			X	
Chapter Book Challenge	3-4			X	
Chess: Basics and Beyond	K-8	X			
Chess: Competitive	K-8			X	
Chess: Competitive Goals	3-8				X
Chess: Great Gameplay	K-8		X		
Clay Builders	3-4		X		
Creative Concoctions	3-4	X			
CSI: Crime Scene Investigators in Training	3-5			X	
DaVinci's World	3-4	X			
Dramatic Writers	4-7		X		
Enchanted Castle	2-4		X		
Explore the Parks	3-4		X		
Exploring Painting	3-4			X	
Fantasy Baseball	4-8	X			
Gotta Dance	4-6			X	
History Quest: Time Travelers Game Design	4-6		X	X	
LEGO® Science	3-5			X	
Master the Art of Navigation	3-5		X		
Math in Art	3-4		X		
Miniature Home Designer!	2-4			X	
Miniature Home Designer 2.0	3-5				X
NU CTD Chemistry: Liquids and Mixtures	3-4	X	X	X	
NU CTD Civil Engineering LEGO® Metropolis	3-4	X	X	X	
Parkour Challenge Course	2-4	X			
Pine Car Derby	3-4			X	
Power of Observation	3-5	X			
Raiders of the Lost Arch(eology)	4-6	X			
Science Olympics	3-4	X			
Socratic Seminar Speaking in a Circle	4-7			X	
Sports Announcing	4-6		X		
Stamp Lab1: Carve, Ink, Create!	3-5	X			
Storytelling	3-5	X			
Vive la France	2-4		X		

Session 3					
Adventure Writing	4-5		X		
Author, Author	3-5	X			
Bla-hoot	3-4	X			
Chess: Basics and Beyond	K-8			X	
Chess: Competitive	K-8		X		
Chess: Competitive Goals	3-8				X
Chess: Great Gameplay	K-8	X			
Creative Concoctions	3-4	X			
CSI: Crime Scene Investigators in Training	3-5		X		
Diamonds and Perlers	1-4		X		
DNA Detectives: Genetics and Traits in Play	4-6		X	X	
Dramatic Writers	4-7	X			
Escape!	3-4			X	
Golf Fundamentals	3-5			X	
Inventors and Artists: Crafting Creations	3-5	X			
Junior Democracy Lab: How Decisions Get Made	3-5			X	
Miniature Home Designer 2.0	3-5				X
Movin' and Goovin'	3-5		X		
NU CTD Dimensions in Geometry	3-4	X	X	X	
NU CTD Fairy Tale Ethics	3-4	X	X	X	
Nutty Nutcracker	3-6			X	
Penning Poems	3-4		X		
Pine Car Derby	3-4	X			
Puppetry Theater Workshop	3-5	X			
Seven Windows on the Forest	2-4	X			
Shaking Up Shakespeare	4-6			X	
Sing, Sing, Sing! Intro to Choir	4-8			X	
Soccer Skills	3-4		X		
Space: A Summer Frontier	3-5			X	
Ukulele	4-5	X			
Wild Math	3-4			X	
Wizard World	3-4		X		
Wonders of the World	4-8			X	