

MATH, LITERACY, SCIENCE, TECHNOLOGY, ARTS, FOREIGN LANGUAGE,
FITNESS – LOWER SCHOOL

Sports Extravaganza Camp (Rising Second through Rising Fifth Grade Students)

Instructors: Coach Dodge & Coach Moviel

8:30am-2:30pm

Week-long Camp (June 17 – June 21)

Skills, drills and thrills! Join Coach Dodge and Coach Moviel for nonstop sports fun with an emphasis on teamwork, attitude and healthy competition. Campers of all skill levels and abilities will play games such as basketball, floor hockey, flag football and many other PE favorites. We also include activities like water day, pizza party and sports trivia games! This camp will be a favorite for any student who loves PE! Don't miss out!!

COOKS with BOOKS (Rising Kindergarten through Rising Third Grade Students)

Instructor: Mrs. Jeanette Brown

8:00a.m. – 10:00a.m.

Offered in: Session One: June 3rd – June 14th

Offered in: Session Two: June 17th – June 28th

This course is meant for students with an appetite for reading and cooking. Cooks with Books has been designed to encompass the following skills: reading, mathematics, science/chemistry, geography/history, art/creativity, and character building. Reading and cooking are universal skills, and this class offers a unique opportunity to explore many life lessons while being creative in the "classroom kitchen".

Exploring Chinese Traditions (Two Hour Class) Rising Second - Fifth Graders

Instructor: Mrs. Lily Tang

Offered in: Session Two (June 17—June 28) 10:00am-12:00pm

In this course, you will learn to speak Mandarin Chinese while doing Chinese calligraphy and painting, traditional games, folk dancing and the bamboo stick dance, tea ceremony, cooking authentic Chinese food, traditional arts and crafts, and more!!! This course is for students who have never studied Chinese before or have studied the language for less than one year.

Sharpen Your Math Skills! (Two Hour Class) Rising Fourth and Fifth Graders

Instructor: Mrs. Wendy Pellant

Offered in: Session One: June 3rd - June 14th

8:00am-10:00am

This course is for students entering fourth and fifth grade that want to sharpen their skills with addition, subtraction, multiplication, and division with a variety of activities. This class is perfect if you are new to CSN or you are current student that wants to solidify your understanding. This session is meant to improve your knowledge, skills, confidence, and enjoyment of math! Games, puzzles, manipulatives, songs, art, and FUN! If you WANT to love math, this is the class for you!

Math Titans! (Two Hour Class) Rising Fourth and Fifth Graders

Instructor: Mrs. Wendy Pellant

Offered in: Session One: June 3rd - June 14th

10:00am-12:00pm

This class is perfect for the advanced math student who can handle complex concepts and multiple step problems! Puzzlers, challenges, games, projects, technology, art, and NEW math topics! If you LOVE math, this is the class for you!

Photography and Yearbook (Two Hour Class) Rising Grades Four and Five

Instructor: Mrs. Alison Haidle

Offered in: Session Two: June 17th – June 28th

10:00am – 12:00pm

WHO WANTS TO LEARN TO TAKE AMAZING PHOTOS AND HELP CREATE THE 2019 – 2020 LOWER SCHOOL YEARBOOK?! Students will learn the basics of photography and apply those skills to take photos for the yearbook next year. They will learn the basic shooting modes of a Digital camera and how to upload them for use. Students will learn how to use the program designed to create the yearbook and help with the production of it for the 2019 – 2020 school year. Students participating in this summer program will have the choice to pick a specific yearbook page that they will be in charge of designing and editing.

Step Up to Third Grade (Two Hour Class) Rising Third Graders

Instructor: Mrs. Shawna Ruedy

Offered in: Session One: June 3rd – June 14th

8:00am – 10:00am

Third grade is a transitional year! This course has been designed to support rising third graders through the teaching of foundational pieces to help with the transition. Students will practice strategies with fun, hands-on approaches that will strengthen their reading, writing and mathematical skills. This will be a great way to give the students confidence going into third grade!

Tae Kwon Do Summer Kick-Off (Two Hour Class) Rising Third Graders to Rising Sixth Graders

Instructor: Mrs. Shawna Ruedy

Offered in: Session One: June 3rd – June 14th

10:00am - 12:00pm

Tae Kwon Do promotes the following tenets: Courtesy, Integrity, Perseverance, Self-control and Indomitable Spirit. It builds confidence, stamina, discipline and motivation. It provides a sense of community and empowerment. During the two-hour class, the students will practice the basic moves, do conditioning activities, kick targets and much more! It's a great way to kick off the summer break!

Curtanna (Two Hour Class) Rising Second Graders to Rising Sixth Graders

Instructor: Mr. Julio Rendon

Offered in: Session Two: June 17th – June 28th

10:00am – 12:00pm

Curtanna is a safe and age-appropriate fencing-inspired exercise program that develops executive functions in children ages 6 and up. Curtanna uniquely combines fun kinesthetic activities while directly addressing the children's core executive functions, improving their self-esteem, and their social-emotional skills to better equip them to thrive in life. The exercises are dynamic and inclusive involving individual and team-based activities resulting in engaging classes for all participants. Visit www.Curtanna.com for more information.

Rising Grade Six English, Sixth Grade Crash Course (Two Hour Class) “Let’s Get Personal”

Instructor: Mrs. Diane Golden

Offered in: Session One (June 3 – June 14)

8:00am-10:00 am

This course is for students who have completed Fifth-Grade Language Arts and desire to prepare for the rigors of Middle School English courses. It is designed to sharpen students’ reading, writing, and grammar skills. Students will analyze short-fiction stories, including personal memoirs. Students will then use these pieces as mentor texts to help them create an essay reflective of their own personal beliefs.

Rising Grades Seven and Eight English (Two Hour Class) “I Need a Hero”

Instructor: Mrs. Diane Golden

Offered in: Session One (June 3 – June 14)

10:00am – 12:00 pm

This course is for students who will enter Grades Seven or Eight in August 2019. Students will learn about Joseph Campbell’s theory of the monomyth and look at his ideas on the hero’s journey. Students will watch video clips from movies like Star Wars and read various short stories. Students will then learn how to write their own short story based on Joseph Campbell’s elements of the hero’s journey.

Creative Writing (Two Hour Class) Grades Six through Eight

Instructor: Mrs. Colleen Potocki

Offered in: Session One (June 3 – June 14)

12:30pm – 2:30pm

This course helps students become more effective, versatile communicators by reading and writing poetry, fiction, and drama. It is designed to build on skills learned in language arts classes taken through the fifth grade: reading and interpreting literature; writing poetry, fiction, and drama; and revising and proofreading. The course will also cover different publishing opportunities and marketing one’s writing. The skills learned in this class will help students succeed in middle and high school and also give them a head start if they wish to pursue other writing opportunities.

Public Speaking (Two Hour Class) Grades Six through Eight

Instructor: Ms. Rachel Hansson

Offered in: Session One (June 3 – June 14) and Session Two (June 17 – June 28)

12:30pm – 2:30pm

This course is designed to teach students planning and presentation skills useful for any public speaking situation. Course work will include: voice and body language, presentation skills, planning and outlining, writing, and use of technology and presentation tools. Students will write and present informative and persuasive speeches and several impromptu speeches. The course will also include practice giving speeches in a variety of small and large venues. This fun, hand-on class will give students the confidence to succeed when speaking to any size group.

The College Essay (Two Hour Class) Rising Seniors**Offered in: Session One (June 3 – June 14)**

- **8:00am – 10:00am**
- **Instructor: Ms. Kasye Beza**

Offered in: Session Two (June 17 – June 28)

- **8:00am – 10:00am**
- **Instructor: Mrs. Colleen Potocki**

Offered in: Session Two (June 17 – June 28)

- **12:30 – 2:30pm**
- **Instructor: Mrs. Amy Carvelli**

Every fall, seniors experience unimaginable pressure to complete college applications during a time that should be fun and memorable. Throw in high-level classes and extracurricular activities, and it's no wonder that many students look back on their senior year as a time of frustration, worry, and disappointment. One way seniors can avoid this unhappy scenario is to complete their college applications' personal statements during the summer. The College Essay provides a calm, productive environment in which students work one-on-one with Upper School English faculty and other seniors. By focusing on the Six Traits of Writing (ideas, voice, word choice, sentence fluency, conventions, and organization), students produce polished essays that respond to both Common Application and school-specific writing prompts. Class sizes are capped, so rising seniors should sign up for their preferred time as soon as possible to secure a spot.

Test Prep (Verbal)—ACT and SAT (Two Hour Class) Grades Nine through Twelve**Offered in: Session One (June 3 – June 14)**

- **10:00am – 12:00pm**
- **Instructor: Mrs. Kasye Beza**

Offered in: Session Two (June 17 – June 28)

- **10:00am – 12:00pm**

Test prep is...fun?!! Yes! It IS fun to go into the test knowing what the test makers want and how you can use that knowledge to achieve your best score. This course will help you prepare for the verbal sections of both the ACT and the SAT. See the Mathematics section for this course's complement: SAT/ACT Math Prep.

Grammar Boot Camp for Upper School (Three Hour Class) Grades Nine through Twelve**Offered in: Session One (June 3 – June 14)****12:30pm – 3:30pm**

Students preparing for standardized tests, the Advanced Placement courses, and the college application process know as well as anyone that details matter. One who can produce a well-worded essay in a short period of time unlocks the doors barred to those of lesser ability, and seemingly insignificant details such as subject/verb agreement, voice, word choice, and sentence fluency may make the difference between acceptance to one's college of choice or enrollment at a safety school. Grammar Boot Camp for Upper School fine-tunes students' abilities and helps them produce college-level work in time-efficient ways. These two weeks of focused, productive work will pay dividends for years to come.

MATHEMATICS– MIDDLE SCHOOL

Math Prep for Rising Sixth Graders

Instructor: Mrs. Kristen McNamara

Offered in: Session One (June 3 – June 14)

10:00am – 12:00pm

Description: This course, designed for new students entering 6th grade at CSN, helps students bridge the gap between their former school and CSN's rigorous math program. Decimals, Fractions, and integer operations; geometry; and basic algebraic concepts will be reviewed to ensure that students have the necessary skills for success in the upcoming year.

MATHEMATICS– UPPER SCHOOL

SAT/ACT Mathematics Prep (Two Hour Class) Grades Nine through Twelve

Instructor: Mr. Dylan Funk

Offered in: Session One (June 3 – June 14) and Session Two (June 17 – June 28)

8:00am – 10:00am

Learn the skills and strategies needed to successfully navigate the mathematics sections of the ACT, SAT, and PSAT. Mathematics skills and general test-taking strategies will be covered in this course. A mathematics specialist will work with students on practice questions that include knowledge of algebra and geometry. See the English/Language Arts section for this course's complement: SAT/ACT Verbal Prep.

SCIENCE, TECHNOLOGY, ARTS – UPPER AND MIDDLE SCHOOL

Invent and Program Electronic Gadgets using and Arduino Uno (Two Hour Class)

Instructor: Mr. Brian Brumley

Rising Grade Six through Rising Grade Nine

Offered in: Session One (June 3 – June 14)

8:00am – 10:00am

Students will bring gadgets to life with electrical engineering and hardware code! They will learn how to program electronics using the Arduino Uno, a microprocessor designed specifically for learning programming through physical computing – computing to control hardware in the physical world. They will discover how engineering and programming work together to make new and exciting inventions a reality. Students will use the engineering design process (i.e., create, test and improve) to break down a problem and design and build a solution. They'll leave camp with an understanding of the electrical engineering process.

What Students Learn

- Programming in Arduino Uno “Arduino C language”
- Coding concepts: events, variables, loops, algorithms, conditionals
- Digital and analog input and output on the Arduino Uno
- Connecting external sensors and circuitry to the Arduino Uno

Virtual Reality/Augmented Reality Programming (Beg/Int) - (Upper School and Middle School)

Instructor: Mr. Ian Ostrom

Three Hour Class

Offered in: Session One: June 3 – June 14

12:30pm-3:30pm

In this course students will learn how to make virtual reality worlds and games using CoSpaces that they can play using VR goggles and their smartphone. Students will also learn how to create augmented reality objects using a Merge Cube that will come to life in the palm of their hand. Beginning coders will learn basic computer science concepts using a block-based coding language while students with coding experience will be challenged to create more advanced functionality using JavaScript.

* Required equipment: A Mac or Windows laptop and an iOS or Android smartphone.

* Materials fee: \$60. Students will take home a Merge Cube, VR goggles, and a one-year subscription to the software to continue making projects at home.

Musical Coding (Beg/Int) - (Upper School and Middle School)

Instructor: Mr. Ian Ostrom

Three Hour Class

Offered in: Session Two (June 17 – June 28)

9:00am-12:00pm

Love music? Want to make live music using computer code? In this course you will learn the fundamentals of programming in the Ruby language to make live or recorded music using SonicPi. This course is suitable for both beginning and advanced musicians.

* Required equipment: Mac or Windows laptop

Art Portfolio Enrichment- (Upper School)

Instructor: Ms. Stacey Pezza

Offered in: Session One: June 3rd- June 14th

8:00am-10:00am

This course is designed for the advanced artist who wishes to build an art portfolio. Students will build upon their drawing and painting strengths during studio time while learning about master artists. A sketchbook is required for this course.

* Art Teacher Recommendation Required for Middle School students.

\$45 materials

Mixed Media - (Middle School)

Instructor: Ms. Stacey Pezza

Offered in: Session One: June 3rd- June 14th

10:00am-12:00pm

Do you love to experiment with materials? Students will have the opportunity to draw, paint, sculpt, and collage. This class is for the expressive artist who enjoys mixing traditional and nontraditional materials to create two-dimensional and three-dimensional artworks.

\$45 materials

Glass Fusing- (Upper School and Middle School)

Instructor: Ms. Stacey Pezza

Offered in: Session One: June 3rd- June 14th

12:30pm-2:30pm

In this colorful class students will learn the history of glass and how to safely handle glass. Students will use different types of glass as they create functional and nonfunctional works. Final Projects will be fired and ready for pick up during the second session.

Limited Seating!

* Art Teacher Recommendation Required.

\$195 materials and firing fee

Robot Design with AutoDesk (Three Hour Class) MS/US with Instructor Approval

Instructor: Mr. Sean Headrick

Offered in: Session One: June 3rd- June 14th

9:00am – 12:00pm

Use the World's most popular CAD (Computer Aided Design) software - AutoDesk Inventor - along with robotics hardware and the design thinking process to design and test a virtual prototype of a competition robot. The resulting real-life solution is a mechanical robot you will enter in next season's (2019-20) VEX Robotics Challenge. The drawings and designs you produce become part of a guaranteed award-winning engineering notebook required for league play. (High School or Middle School with instructor approval)

Build Competition Ready Robot (Three Hour Class) This camp is only open to students grades 8-12 with prior VEX EDR experience and instructor approval.

Instructor: Mr. Sean Headrick

Session One: June 3rd- June 14th

1:00pm – 4:00pm

Explore the world of robotics, engineering, and coding with VEX! This is an intensive one-week course where you will build a robot to compete and win the 2019-20 VEX Robotics Competition. Utilizing the engineering design process, you will "hands-on" build your robot from the ground up. Teams must improve-iterate-adapt their robots to be highly performing in both drivers challenges, as well as completely autonomous challenges programmed using advanced sensors and ROBOTC, the premier coding language of robotics.

Get a head start and begin the engineering design process now: three months ahead of other Florida schools!

With this camp, your student:

- Gain college-level mechanics, critical thinking, and collaboration skills
- Explore concepts of effective structural design
- Use proper gear ratios to create speed or torque
- Explore computer vision and autonomous robotics
- Implement analog and digital sensors to accomplish tasks
- Identify programming control structures
- Gets additional access to the robotics lab after camp completion (with prior arrangement)

Apprentice Robotics Camp (Three Hour Class) This "Apprentice Camp" is a great opportunity to find out if the CSN Robotics Team is a good fit for your child! Signups are limited!

Instructor: Mr. Sean Headrick

Session Two (June 17 – June 28)

9:00am – 12:00pm

As an apprentice, you focus on fundamental engineering concepts and skills including mechanical design, construction, and teamwork. Learn! the basics of VEX IQ robot design and how the systems work together Build! everything is hands-on construction in teams of 2 kids Drive! your robot through various challenges, including the 2019-20 VEX IQ Challenge Compete! and win in an official VEX league scrimmage, deciding who built the best robot!

Journeyman Robotics Camp (Three Hour Class) "Journeyman Camp" is only open to kids that have at least one year of VEX IQ robotics experience. Upper Elementary / Middle School

Instructor: Mr. Sean Headrick

Session Two (June 17 – June 28)

9:00am – 12:00pm

Having successful prior experience, the journeyman robotics engineer will build a robot to compete in the VEX IQ Challenge 2019-20. The camp will cumulate in an official VEX Skills Challenge competition.

Advanced topics include:

- Applying gear ratios: understanding how they impact speed and torque
- Coding to score "Autonomous Points" in competitions
- Designing and testing with various types of sensors for better performance in challenges.

Roblox Entrepreneur (Beg/Int)

Instructor: Mr. Ian Ostrom

Three Hour Class

Offered in: Session Two (June 17 – June 28)

12:30pm – 3:30pm

Want to learn how to develop your own games? Want to learn how to make money off these games? In this course you will learn how to design and code games for the Roblox game platform using Roblox Studio and the Lua programming language. You will also learn marketing techniques and how to use tools available for Roblox developers like yourself to monetize your games.

* Required equipment: Mac or Windows laptop