



# WILLIAM & MARY

CENTER FOR GIFTED EDUCATION

## **Saturday/Summer Enrichment Program (SEP)**

### **Super Saturdays**

**On Campus**

**\$179 Per Session**

**Includes:**

**Registration Fee, Class & Lunch**

**9:30 AM- 3:00 PM**

### **Summer Sessions**

**On Campus**

**\$375 Per Session**

**Includes:**

**\*Students participating in both morning and afternoon classes will be provided a supervised lunch hour and escorted to there afternoon class.**

# On-Campus Course Description

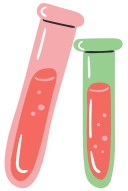
October 26th

9:30 am - 3:00 pm

## STEM into Science

2nd-4th

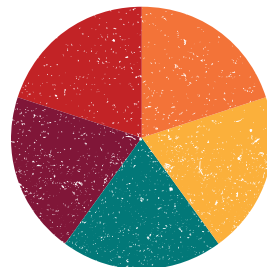
Who is ready to have hands-on experience with Science? The goal is to provide hands-on learning to help students engage in science. Students who do hands-on activities tend to remember more of what they were taught. During this course, students will build rockets, build 3-D diagrams of solar systems, create weather tools, use household items, and use a variety of edible treats to show the physical changes of the Earth. Using what they learn, from each activity, students will be able to identify the steps of the scientific process.



## Statistics Sanity

Grades-7th-9th

Through Statistics Sanity students will lay a foundation of statistical knowledge through fun experiments involving real-world data. Whether it be exploring the probability principles in a hands-on casino or conducting surveys about favorite candy or video games, students will collect, analyze, and draw conclusions in various settings. There will be projects students will create to help build skills in statistics. This is a great course to prepare students for high school or college Statistics. The use of technology (TI Graphing Calculator) and supplemental videos will be an integral part of the sessions.



## LifeLab: Animal, Vegetable, Mineral

4th -6th

We will be looking at how animals connect with the plant and nonliving parts of our world. Come learn the similarities and differences between animals, vegetables and minerals...and their similarities. This is a hands on adventure, so dress for getting your hands on messy items.



### Tuition:

The Saturday tuition fee is \$179 for each on-campus course and \$159 for each virtual course (including a non-refundable \$25 registration fee).

Date: September, 28th

### Time:

9:30-3:00

\*At 2:45 p.m., we invite you to join your students in their class to see what they learned all day!

### Lunch:

Lunch will be provided - pizza, chips, cookies or fruit snacks, and water.

# On-Campus Course Description

**November 16th**  
**9:30 am - 3:00 pm**

## Coding with a Twist

3rd - 5th

This session aims to introduce students to the field of Robotics and stimulate their interests in science and engineering through participation of the entire engineering design process. This course covers various multidisciplinary topics necessary to understand the fundamentals of designing, building, and programming robots. Students will have hands-on practice and demonstrate how to put together and code robots. During this session, students will be required to gradually complete the design and construction of a robot and follow the constraints and objectives for competing in the final project demonstration.

## LifeLab:

### Cells, Synapses, & Systems

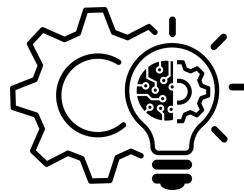
4th-6th

We will look at cells, and synapses and how those both play in our different body systems. We will play with a microscope and look at cells up close. Students will have hands on demonstrations of how cells work together to make up the different systems of the human body. We will explore the systems in the human body, how the individual cell works, and how it works as a team to make up each system.

## Mastering Microbiology for Middle Schoolers

6th-8th

This dynamic and highly informative course is designed for students who may have an interest in microbiology and the healthcare sciences. Throughout the course students will explore the scope of microbiology, infection and disease, infections of the body systems, and microorganisms in the environment and their effects on human health, and emerging infectious diseases. Enroll your future health care professional NOW!



## The Art of Drawing

5th-7th

Welcome to Drawing Class, where your imagination takes the lead! Whether you're a doodler or a detail-lover, this class is all about exploring your creativity. From sketching basics to bold masterpieces, we'll dive into techniques that make your ideas come to life. Grab your pencils, let's turn those blank pages into works of art!

## Mind Matters- Intro to Psychology

7th -9th Grade

Interested in taking AP Psychology? Let's explore the basic principles and theories of Psychology, including personality, learning, memory, intelligence, and human behavior. Each class would provide hands-on activities and/or demonstrations, such as identifying brain parts, memory activities, personality tests, and identifying types of abnormal behavior. Come discover and learn how and why our brains develop by studying and understanding mental processes, brain functions, and behaviors.



## Statistics Sanity

Grades-9th-11th



Through Statistics Sanity students will lay a foundation of statistical knowledge through fun experiments involving real-world data. Whether it be exploring the probability principles in a hands-on casino or conducting surveys about favorite candy or video games, students will collect, analyze, and draw conclusions in various settings. There will be projects students will create to help build skills in statistics. This is a great course to prepare students for high school or college Statistics. The use of technology (TI Graphing Calculator) and supplemental videos will be an integral part of the sessions.

# On-Campus Course Description

**December 7th**

**9:30 am - 3:00 pm**

## STEM into Science

2nd-4th

Who is ready to have hands-on experience with Science? The goal is to provide hands-on learning to help students engage in science. During this course, students will build rockets, build 3-D diagrams of solar systems, create weather tools, use household items, and use a variety of edible treats to show the physical changes of the Earth. Using what they learn, from each activity, students will be able to identify the steps of the scientific process.

## LifeLab: Plants, Animals & Humans, Oh My!

4th -6th

Are humans animals? How do animals and humans use plants? Let explore the relationships of the animal and plant kingdoms. We will have animal and plant specimens, so don't wear your best clothes.

## The Art of Drawing

5th-7th

Welcome to Drawing Class, where your imagination takes the lead! Whether you're a doodler or a detail-lover, this class is all about exploring your creativity. From sketching basics to bold masterpieces, we'll dive into techniques that make your ideas come to life. Grab your pencils, let's turn those blank pages into works of art!

## Historical Perspective Though Art and Music

6th -8th Grade

In this class, students will be introduced to how art and music (the arts) have been used throughout history to influence public opinion. To effectively and accurately analyze and interpret the works of art students must understand that the artists have, at times, misrepresented the facts and/or have intentionally excluded certain opinions and perspectives in an attempt to influence the thinking of their audience. After analyzing several examples, students will create and present to the class a work of art representing a historical perspective that has been excluded from the historical record.

## Mind Matters- Intro to Psychology

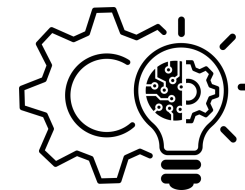
7th -9th Grade

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## Statistics Sanity

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## Parent Session

Time: 9:45-10:45

Topic: How to Advocate for Your Gifted & Talented Child

Speaker: Dr. Ashley Carpenter

## Center for Gifted Education

Established in 1988, the Center for Gifted Education (CFGE) at William & Mary is a learning community that values and fosters the talent development process and optimal functioning of high-ability individuals over their lifespan.

### Saturday Enrichment Programs

William & Mary's SEP is an academically challenging program with an emphasis on inquiry-based learning for students enrolled in grades K-12. The program is not meant to replace the regular school curriculum; rather, it recognizes the importance of allowing able children to explore additional specialized areas of science, mathematics, humanities, and the arts. Course activities are compatible with the expected achievement of high-ability students at specific grade and age levels. Behaviors fostered by this program include the ability to: apply process skills used in individual field of inquiry, recognize problems and approaches to problem solving, understand and appreciate individual differences, and become a self-directed learner.

### Program Information

**Tuition:** The Saturday tuition fee is \$179 for each on-campus course and \$159 for each virtual course (including a non-refundable \$25 registration fee). The Summer tuition fee is \$375 for each on-campus course and \$225 for each virtual course (including a non-refundable \$25 registration fee). The registration fee is non-refundable.

**Minimum Course Enrollment:** Approximately one month before the start of the session, the program staff will review course enrollment to ensure classes have met the minimum enrollment requirement. Parents/Guardians will be notified by email should a course be canceled.

**Class Placement and Size:** Class size will be limited to a maximum of 18 participants (with rare exceptions). Program staff will not process a participant's application until all required forms and the tuition have been received. Class assignments will be made once a complete application is received.

**Discipline Policy:** The expectation is that students will take responsibility for their own behavior and act appropriately during class to foster a positive learning environment for all students. If a student becomes disruptive, a warning will be issued to the student and parent/guardian on the day of the infraction. If the inappropriate behavior recurs in a second session, the child will be removed from class and may be removed from the program. If a child is removed from the program due to inappropriate behavior, a refund will not be provided.

**Course Withdrawals:** Request to withdraw from a course must be made in writing prior to the registration deadline. The registration fee is non-refundable. Tuition refunds will be provided for payments made minus the registration fee before the registration deadline (October 1st). Refunds for tuition will not be provided for withdrawals occurring after the registration deadline.

**Disability Accommodations:** We accept all students with disabilities. If this affects your child, please contact the Program Coordinator to discuss the necessary accommodations.

## Admission Requirements for New Applicants

**Test Scores:** Students who have scored in the 95th percentile or above on a nationally normed aptitude or achievement test are eligible. Application test scores at the 95th percentile or better must be in at least one of the following areas: reading comprehension, vocabulary, language total, math total, math concepts, math problem-solving, science, social studies, or the composite. Please contact your child's school to determine if your child has participated in a qualified test (examples below) and if the scores may be made available to you.

**Student Recommendation:** A letter from a teacher or other Academic facility recommending them for the program

**Application:** Completed program application forms via Campsite and uploading all required documentation.

**Payment:** Via SEP Payment Portal

**Examples of Accepted Nationally Normed Tests** (this list is not exclusive): American Testronics, Differential Ability Scales (DAS), Metropolitan Achievement Tests (MAT), Terra Nova (CTBS), SRA Brigance Basic Skills (Pre-K), Differential Aptitude Tests (DAT), Metropolitan Readiness Test, Cognitive Abilities Test, Stanford Achievement Test, California Achievement Tests, Iowa Tests of Basic Skills (ITBS), Ravens Progressive Matrices, Naglieri Nonverbal Ability Test, Stanford-Binet Intelligence Scale, Kaufman Assessment Battery, National Tests of Basic Skills, Cognitive Assessment System (CAS), Kaufman Brief Intelligence Test (K-BIT), Otis-Lennon, Test of Language Development, Columbia Mental Maturity Test, Kaufman Test of Educational Achievement (K-TEA), Peabody Individual Assessment Test, Universal Nonverbal Intelligence Test (UNIT), Comprehensive Inventory Basic Skills (CIBS), KeyMath, Wechsler Intelligence Scale for Children (over age 6), Comprehensive Test of Basic Skills (CTBS), Kuhlmann-Anderson Measure of Academic Potential, Screening Assessment for Gifted Elementary and Middle School Students (SAGES-2), Wechsler Preschool and Primary Scale of Intelligence Test (WPPSI-III) (under age 6), Comprehensive Testing Power (CTP), Leiter International Performance Scale, SAT, Wide Range Achievement Test, Degrees of Reading Power (DRP), Matrix Analogies Test (MAT), Slosson Intelligence Test (SIT)

**If you have questions or would like additional information please contact Ashley Morris at 757-221-5844 or [amorris03@wm.edu](mailto:amorris03@wm.edu).**

### Contact Information

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