On Campus
Super Saturdays

Session I: October 14th
9:30 AM - 3:00 PM

Session II: October 21st
9:30 AM - 3:00 PM

$179 Per Session
Includes:
Registration Fee, Class & Lunch

Virtual
Cyber Saturdays

Session III: November
4th, 11th, 18th
10:00 AM - 12:00 PM

Fall 2023
Saturday Enrichment Program (SEP)

$159 Per Session
Includes:
Registration Fee & Class
Who is ready to have hands-on experience with Science? This course will cover elementary science standards that are taught in 4th and 5th grade. 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.
On-Campus Course Description

October 14th
9:30 AM - 3:00 PM

Mathematics and Physics in Music Playing
Grades 5 - 7
With Jiashi Hou
Students in this course will learn the science and mathematics behind the music performance and compositions. The relations between frequencies of different sound pitches are revealed. You will discover that music theories are really science!
Activities involving hands-on learning of the structure and playing of all kinds of musical instruments. Choirs of voices are also a part of the activities. Students can bring any instruments to discover what role physics and mathematics play on their instruments, or their voices. Come to join the class. Bring your instruments or your vocal chords. Let us have a hands-on learning process

Canva For Kids
Grades 3 - 5
With Elizabeth Greenwood
Does your child enjoy creating beautiful digital cards, posters, slides or videos for their school projects? Now they can make all of these projects with Canva - a trendy graphic design platform with a simple interface (and creating an account is free)! In this class, we will walk through the basics of the free digital design tool Canva. You will be amazed to see how creative your child can be with this fun digital design tool!

Let's Build a Video Game
Grades 4 - 6
With Jamie Young
Ever wanted to build your own video game? You will learn how to use Bloxels to create game layouts, pixel art for the game, animations, backgrounds, characters, and even add music. We will design our game using a game design document, then build our game. We will have Game Jam! at the end of class to play each others game and provide feedback. Have fun in this fast-paced, hands-on session.

The Human Body: A Marvelous Machine
Grades 6 - 8
With Colleen Ignacio
Join us for an amazing journey exploring the intricacies of the human body! Do you wonder how many bones are in the human body? What is the largest organ? What are neurotransmitters and how do they work? Where does a molecule of air go after it enters the body? What happens to those chicken nuggets you ate for lunch? How many chambers are in the human heart? Find out the answers to these questions and MORE with hands on activities and anatomy models!

Statistics Sanity
Grades 7 - 9
With Christy Swindler
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.
October 21st
9:30 AM - 3:00 PM

On-Campus Course Description

Creative Community Writers
Grades K - 2
With Rebecca Rector

Do you love writing stories? Become a part of the William & Mary campus by writing a fiction book for the student Created Campus Little Library! Students will move through the 5 steps of the writing process to create a fiction Story involving character development that involves conflict and resolution. Students will revise work using self-reflection and peer revision opportunities to extend strengthen and deepen stories. Our Final step will include a QR Code of you reading your story aloud plus 2 bound copies of the story: one for the student-created campus Little Library and one to take home!

STEM into Science
Grades 2 - 4
With Lolita Clarck

Who is ready to have hands-on experience with Science? This course will cover elementary science standards that are taught in 4th and 5th grade. 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.

Canva For Kids
Grades 3 - 5
With Elizabeth Greenwood

Does your child enjoy creating beautiful digital cards, posters, slides or videos for their school projects? Now they can make all of these projects with Canva - a trendy graphic design platform with a simple interface (and creating an account is free)! In this class, we will walk through the basics of the free digital design tool Canva. You will be amazed to see how creative your child can be with this fun digital design tool!

Let's Build a Video Game
Grades 4 - 6
With Jamie Young

Ever wanted to build your own video game? You will learn how to use Bloxels to create game layouts, pixel art for the game, animations, backgrounds, characters, and even add music. We will design our game using a game design document, then build our game. We will have Game Jam! at the end of class to play each others game and provide feedback. Have fun in this fast-paced, hands-on session.
Join us for an amazing journey exploring the intricacies of the human body! Do you wonder how many bones in the human body? What is the largest organ? What are neurotransmitters and how do they work? Where does a molecule of air go after it enters the body? What happens to those chicken nuggets you ate for lunch? How many chambers in the human heart? Find out the answers to these questions and MORE with hands on activities and anatomy models!

**Mathematics and Physics in Music Playing**  
**Grades 5 - 7**  
**With Jiashi Hou**

Students in this course will learn the science and mathematics behind the music performance and compositions. The relations between frequencies of different sound pitches are revealed. You will discover music theories are really science! Activities involving hands-on learning of the structure and playing of all kinds of musical instruments. Choirs of voices are also a part of the activities. Students can bring any instruments to discover what role physics and mathematics play on their instruments or their voices. Come join the class. Bring your instruments or your vocal chords. Let’s have a hands-on learning process!

**The Human Body: A Marvelous Machine**  
**Grades 6- 8**  
**With Colleen Ignacio**

**Statistics Sanity**  
**Grades 7 - 9**  
**With Christy Swindler**

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.
Reach for the Stars
Grades K - 2
With Laura Roman

Let’s “REACH” for the stars by preparing for life skills.
- R- Relationships
- E- Emotions
- A- Academics
- C- College and Career
- H- Healthy Choices

Gain insight and skills for your future!
Everyone has thoughts and feelings, but it is what we do with those thoughts and feelings by making good choices that impact social, emotional, and academic outcomes in a positive manner. Set yourself up for success now. In this neuroscience approach, students will gain skills to set them up for success from the beginning of their school career. Activities will involve role-playing, using “I” statements, using a social filter, peer pressure, study habits, career exploration, and building empathy.

Creative Community Writers
Grades K - 2
With Rebecca Rector

Do you love writing stories? Become a part of the William & Mary campus by writing a fiction book for the student Created Campus Little Library! Students will move through the 5 steps of the writing process to create a fiction Story involving character development that involves conflict and resolution. Students will revise work using self-reflection and peer revision opportunities to extend strengthen and deepen stories. Our Final step will include a QR Code of you reading your story aloud plus 2 bound copies of the story: one for the student-created campus Little Library and one to take home!

STEM into Science
Grades 2 - 4
With Lolita Clark

Who is ready to have hands-on experience with Science? This course will cover elementary science standards that are taught in 4th and 5th grade. 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.

Virtual Course Description
Fall 2023
Lawyer Up!
Thinking with a Critical Mind
Grades 3 - 4
With Rebecca Huber
Students will use a different court case each week to dive deep into the world of critical thinking and be able to use social justice to develop empathy. We will look at both sides and develop skills to be a global learner. Students will critique moral dilemmas while learning how to think similarly to a lawyer.

Let's Build a Video Game
Grades 4 - 6
With Jamie Young
Ever wanted to build your own video game? You will learn how to use Bloxels to create game layouts, pixel art for the game, animations, backgrounds, characters, and even add music. We will design our game using a game design document, then build our game. We will have Game Jam! at the end of class to play each others game and provide feedback. Have fun in the fast-paced, hands-on session.

Think Like A Nurse! Introduction to the Nursing Profession!
Grades 9 - 12
With Colleen Ignacio
This multiday course provides the student with an introduction to the practice of nursing. The concepts related to nursing as a profession, standards of care, professional ethics, nursing roles, communication, cultural awareness, holistic care, nursing process, critical thinking, collaboration, and community will be presented. Developmental concepts will be discussed with a focus on the elderly and the normal process of aging. This is a course designed for high schoolers who desire to pursue a career in the health care profession. Great introduction to the nursing process and critical thinking! Enroll your student - get them exposed to this high level course!

Statistics Sanity
Grades 7 - 9
With Christy Swindler
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.
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 optional 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 tuition fee is $179 for each on-campus course and $159 for each virtual course (including a non-refundable $25 registration fee). The registration fee is non-refundable before the registration deadline, and the tuition fee is non-refundable after the deadline.

**Registration Deadline:** October 1, 2023

**Minimum Course Enrollment:** Approximately one month prior to 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.

**Contact Information**

Mihyeon Kim, Ph.D., Ed.D. Director, Precollegiate Learner Programs
Ashley Morris, Coordinator, Precollegiate Learner Programs
E-Mail: sepewm.edu
(757) 221-2362