Saturday Enrichment Program

- Spring 2019 -

February 23–March 23, 2019

9:30 a.m.–12:30 p.m.

Center for Gifted Education
William & Mary

Program Site: William & Mary Campus
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/Summer 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 supplant 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 an individual student’s area of interest,
- recognize problems and approaches to problem solving,
- understand and appreciate individual differences, and
- become a self-directed learner.

SEP is one of the precollegiate learner program offerings at William & Mary’s Center for Gifted Education. For more information about this program and other precollegiate programs, please contact the Center for Gifted Education at (757) 221-2166.

PROGRAM TIMELINE

February 1, 2019: Course assignment decisions made; classes that do not meet the minimum enrollment requirement will be cancelled

February 4-8, 2019: Session schedules and information packets emailed to families

February 15, 2019: Deadline for payment of outstanding tuition balances

February 23, 2019: Classes begin

March 23, 2019: Final class

PRECOLLEGIATE LEARNER PROGRAMS STAFF

Mihyeon Kim, Ph.D., Ed.D.
Director, Precollegiate Learner Programs

Sarabeth Varriano
Program Coordinator

Contact Information
Phone: (757) 221-2362
E-Mail: sep@wm.edu
Course Descriptions

Grades 1-2

LEGO WeDo I
CODE: 19SPR-01
Instructor: Tim Beatty

LEGO WeDo is a robotics system that combines science, math, and technology to facilitate hands-on, minds-on problem-solving skills, and creative thinking. Use a computer to program a LEGO robot that uses tilt and motion sensors. Create a crocodile that bites or a bird that dances when it senses motion. No previous experience with robotics or LEGO is needed.

Grades 3-4

THE RENAISSANCE
CODE: 19SPR-02
Instructor: Ellen Walter

The Renaissance was a period in time between the 14th and 17th centuries in Europe. During the Renaissance artists, philosophers, and scientists studied the Ancient Greek and Romans this study produced a flowering of knowledge in the arts, literature, and the beginnings of modern science. We will start our study in Ancient Greece and Roman times, move through the Middle Ages, and then study the Renaissance. We will learn about society, art, literature, and science from all of these periods with many hands on projects.

Grades 3-5

ENGINEERING WITH ROBOTS
CODE: 19SPR-03
Instructor: Pennie Brown

Engineering with Robots is an exciting new class offering for gifted students. This program will offer the opportunity to build and program Lego NXT robots. These freshly built robots will then be used to solve complex and engaging engineering problems. Some of the challenges provided to solve will include single robot and multiple robot activities. These exciting and fun-filled robots will be designed and built to do a variety of interesting tasks. Upon the completion of each activity, robots will be able to move items, assemble items, power items, and collect items. These tasks are just the beginning of many innovative challenges the robots can be designed to complete. Don’t miss this amazing opportunity.

Grades 3-5

ROYAL JEWEL HEIST ESCAPE ROOM!
CODE: 19SPR-04
Instructor: Jamie Ball

Mystery thieves have stolen the royal jewels! These are no amateurs. Not only did they get away with millions of dollars worth of diamonds, these masterminds have been able to evade capture time and time again by creating obstacles and distractions that allow them to escape. Will they get away with their crimes? Or will you step in to save the day? The international authorities have called in your team to solve the crime. Your mission, should you choose to accept, will be to identify the fugitives, recover the stolen jewels, and avoid being tangled in any traps set by these sneaky bandits. You and your team will work to use all of your STEAM skills to crack secret codes, engineer escapes, and create genius solutions to solve the case. Calling all creative critical thinkers! We need your help!

Grades 5-7

INSIDE YOUR OUTSIDE: INSIDE THE HUMAN BODY
CODE: 19SPR-05
Instructor: Arohi Khargonkar

Human body remains one of the most complex wonders and mystery of nature. Scientists even today, continue to study the human body and its organ systems (anatomy) along with its various functions (physiology) to do cutting edge research in either diagnosing the ailments humans suffers or finding its cure. In this course, we will gather knowledge about the basics of human anatomy and physiology to learn more about our insides.

Grades 6-8

PSYCHED ABOUT PSYCHOLOGY!
CODE: 19SPR-06
Instructor: Angela Boland

Dive into the human experience by exploring the science of psychology. Why is it important to be a critical thinker? What does dog saliva have to do with learning? How are attitudes formed and changed? How can the environment impact the way we behave? What does a neuron have to do with medicine? What role does anxiety play? What does it mean to have a disorder? We will be learning about basic principles of psychology in a hands-on, fun, and interactive manner. Hope to see you there!
Tuition: The tuition fee is $350 per course. A deposit of $50 must accompany the application packet. Deposits will only be refunded if a course is cancelled.

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. Courses that do not meet the minimum enrollment number of 10 participants will be cancelled.

Class placement and size: Class size will be limited to a maximum of 18 participants (with rare exceptions) to provide an optimal learning environment. Program staff will not process a participant’s application until all required forms and the tuition deposit have been received. Class assignments will be made once a complete application is received. If a student has selected a course that has already reached its maximum capacity, or has been cancelled due to low enrollment, the student will be assigned to his or her second or third choice. If no alternate courses have been identified, a staff member will contact the student’s parent/guardian to discuss available options.

Course withdrawals: Request to withdraw from a course must be made in writing prior to the start of the session. Tuition refunds will be provided for payments made minus the deposit. Refunds will not be provided for withdrawals occurring after the start of the session.

Dropping off and picking up: Students must be escorted to and from their classroom. Parents are asked to drop off and pick up their child(ren) from designated classrooms within 15 minutes of the start/end of the scheduled class time and to refrain from sitting in vacant classrooms, hallways, and stairwells. Anyone arriving to pick up a child, including the parent or guardian, will need to furnish a government-issued photo ID. This is a requirement at each pick-up regardless of whether or not the individual has previously picked up the child.

Permission for emergency medical treatment: For the safety of your child, parents/guardians must provide an individual health form for each program participant. A new form should be completed with each application packet even if the child has previously participated in SEP. Applications will not be processed unless accompanied by a completed and signed health form.

Medication: Program staff may not administer any medication to students, except for emergency use of an EpiPen for students with extreme allergies. If a child requires medication during program hours, a parent must be on site to administer it.

Faculty: Courses are taught by a variety of talented instructors, including teachers of gifted and talented learners, graduate students, faculty of William & Mary, and content-area professionals.

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.

Lost and found: Personal items that are inadvertently left behind by students will be kept at the Center for Gifted Education for 30 days following the conclusion of the session. After this time, they will be donated to charity.
**ADMISSIONS REQUIREMENTS**

**Returning Participants**
Completed program application form and all required documentation.

**New Applicants**

1. **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. Contact your child’s school to determine if it has participated in a qualified test and if the scores may be made available to you.

   If documented test scores are not available for your child, please contact Dr. Valerie McDonald at (757) 209-8798 or valeriemcdonald2@gmail.com to schedule a screening appointment. Assessments are conducted on Saturdays. Screening is conducted by appointment only and should be scheduled at least one month prior to the start of the program session to ensure results are available prior to the start of classes. Parents/guardians are responsible for the screening cost ($100), which is due at the time of testing.

2. **Recommendations**

   For new applicants, a recommendation from a teacher, principal, or counselor must be included with the application packet.

3. **Completed program application form and all required documentation.**

   *Please contact the Center for Gifted Education at (757) 221-2362 for other accepted tests or any questions.*

**Examples of Nationally Normed Tests**

<table>
<thead>
<tr>
<th>American Testronics</th>
<th>Differential Ability Scales (DAS)</th>
<th>Metropolitan Achievement Tests (MAT)</th>
<th>SRA</th>
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</thead>
<tbody>
<tr>
<td>Brigance Basic Skills (Pre-K)</td>
<td>Differential Aptitude Tests (DAT)</td>
<td>Metropolitan Readiness Test</td>
<td>Stanford Achievement Test</td>
</tr>
<tr>
<td>California Achievement Tests</td>
<td>Iowa Tests of Basic Skills (ITBS)</td>
<td>Naglieri Nonverbal Ability Test</td>
<td>Stanford-Binet Intelligence Scale</td>
</tr>
<tr>
<td>Cognitive Abilities Test</td>
<td>Kaufman Assessment Battery</td>
<td>National Tests of Basic Skills</td>
<td>Terra Nova (CTBS)</td>
</tr>
<tr>
<td>Cognitive Assessment System (CAS)</td>
<td>Kaufman Brief Intelligence Test (K-BIT)</td>
<td>Otis-Lennon</td>
<td>Test of Language Development</td>
</tr>
<tr>
<td>Columbia Mental Maturity Test</td>
<td>Kaufman Test of Educational Achievement (K-TEA)</td>
<td>Peabody Individual Assessment Test</td>
<td>Universal Nonverbal Intelligence Test (UNIT)</td>
</tr>
<tr>
<td>Comprehensive Inventory Basic Skills (CIBS)</td>
<td>KeyMath</td>
<td>Ravens Progressive Matrices</td>
<td>Wechsler Intelligence Scale for Children (over age 6)</td>
</tr>
<tr>
<td>Comprehensive Test of Basic Skills (CTBS)</td>
<td>Kuhlmann-Andreson Measure of Academic Potential</td>
<td>Screening Assessment for Gifted Elementary and Middle School Students (SAGES-2)</td>
<td>Wechsler Preschool and Primary Scale of Intelligence Test (WPPSI-III) (under age 6)</td>
</tr>
<tr>
<td>Comprehensive Testing Power (CTP)</td>
<td>Leiter International Performance Scale</td>
<td>SAT</td>
<td>Wide Range Achievement Test</td>
</tr>
<tr>
<td>Degrees of Reading Power (DRP)</td>
<td>Matrix Analogies Test (MAT)</td>
<td>Slosson Intelligence Test (SIT)</td>
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## Course Preferences - Please include course code and title below (ex. 19SPR–01 LEGO WeDo I).

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<tbody>
<tr>
<td>1st choice:</td>
<td>19SPR–</td>
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<tr>
<td>2nd choice:</td>
<td>19SPR–</td>
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<tr>
<td>3rd choice:</td>
<td>19SPR–</td>
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</table>

- Please indicate if a member of your family is a current William & Mary faculty/staff member or student: Yes No
- Please indicate if you are enrolling multiple children: Yes No
- Please indicate if you wish to be considered for a partial, need-based scholarship? Yes No
  *If so, please include a copy of your most recent, signed federal tax return. Requests will not be considered without this documentation.*

Parent/Guardian’s Signature: ___________________________ Date: ______________

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### Application Packet Checklist:

<table>
<thead>
<tr>
<th>Item</th>
<th>Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>$50 Deposit</td>
<td>(Checks &amp; money orders payable to William &amp; Mary)</td>
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<tr>
<td>Pick-Up Form</td>
<td></td>
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<tr>
<td>Health Form</td>
<td></td>
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<tr>
<td>Copy of Most Recent Health Insurance Card</td>
<td></td>
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<tr>
<td>Interview &amp; Photograph Release Form</td>
<td></td>
</tr>
<tr>
<td>Internet Acceptable Use Procedures &amp; Agreement</td>
<td></td>
</tr>
</tbody>
</table>

**For First-Time Applications (in addition to above items):**

- Copy of approved testing report
- Student recommendation form

Please submit the completed application packet by **February 1, 2019**. At this time, we will make final class assignment decisions and courses may be cancelled due to low enrollment.

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### OFFICE USE ONLY

- Received: __ / __ / __ Initials: __________ Amount: __________
- Check/MO #: __________ Check/MO Date: __ / __ / __
A parent or guardian must complete this form. List below the people allowed to pick up your child from class. Your child’s teacher will only release your child to the people listed on this form. Anyone picking up your child, including yourself, will need to furnish a government-issued, photo ID as proof of identity each time he or she picks up the child.

I give permission for the following people to pick up my child from the Saturday/Summer Enrichment Programs. I understand that a government-issued, photo ID will be required as proof of identity. I also understand that my child will only be released to people on this list who are able to provide proof of identity.

Please print or type names clearly. Be sure to include your own name as well as the names of others authorized to pick up your child. If you need to make changes at a later date, please submit an amended list.

__________________________________________________________________________  __________________________________________________________________

__________________________________________________________________________  __________________________________________________________________

__________________________________________________________________________  __________________________________________________________________

__________________________________________________________________________  __________________________________________________________________

Child’s Name (please print): __________________________________________________________________________

Parent/Guardian’s Name (please print): __________________________________________________________________

Parent/Guardian’s Signature: ________________________________ Date: __________________________

__________________________________________________________________________  __________________________________________________________________

Optional: Parent Release Form

Allowing students in grade 7 or higher to walk unattended to the parking lot.

Use the pick-up form above if you want your seventh-grade or older child to be picked up from the classroom. If, instead, you prefer to give permission that allows him or her to walk to the parking lot unescorted, you must complete and sign this optional section.

I give permission for ___________________________ to leave the classroom and walk unescorted to the parking lot. I will not hold the class instructor, the Saturday/Summer Enrichment Program, the Center for Gifted Education, or William & Mary responsible in any way for my child's welfare after he or she departs from the classroom.

Child’s Name (please print): __________________________________________________________________________

Parent/Guardian’s Name (please print): __________________________________________________________________

Parent/Guardian’s Signature: ________________________________ Date: __________________________
**SEP HEALTH FORM**
Spring 2019 • Williamsburg, VA

**Please attach a copy of your medical insurance card**

Student: __________________________ Last _______ First _______ MI _______

Parent/Guardian: __________________________ Last _______ First _______ MI _______

Relationship to Student __________________________ Work Phone # __________ Cell Phone # __________

Parent/Guardian: __________________________ Last _______ First _______ MI _______

Relationship to Student __________________________ Work Phone # __________ Cell Phone # __________

In case of emergency, please notify (if different from above):

________________________ Last _______ First _______ MI _______

Relationship to Student __________________________ Home Phone # __________ Cell Phone # __________

**Student’s Medical Details**

Does your child have any special needs? ______ Yes ______ No ______ If yes, please specify:

__________________________________________________________

Current medication(s) and reason(s):

__________________________________________________________

Allergies: __________________________________________ Date of Last Tetanus/Diphtheria: __________

Family Physician: ____________________________ Phone: ____________________________

Family Dentist: ____________________________ Phone: ____________________________

Health Insurance Provider/Subscriber’s Name: __________________________________________

Policy Number: ____________________________

Is there any further information that may have impact on the student’s participation in SEP or on the provision of medical care to him or her in the event of an accident? (Include any special dietary restrictions, chronic health conditions, or learning disabilities.) Attach a separate page if necessary.

__________________________________________________________

__________________________________________________________

I give permission to the attending physician to hospitalize and secure treatment for my son/daughter/ward as a minor in the case of a surgical, medical, or psychiatric emergency; or any necessary medical treatment, provided the physician is unable to contact me reasonably soon, and according to his or her best professional judgment if further delay would in fact jeopardize the patient’s health or life.

Parent/Guardian’s Signature: ____________________________ Date: ____________________________
The Center for Gifted Education at William & Mary is constantly striving to have the wonderful projects and experiences students take part in during our programs recognized. To this end, we routinely work with reporters from local news outlets on program publicity. We plan to invite members of the media to visit and engage with the students at some point during the program. We ask your permission as the student’s parent or guardian to interview and take photographs of your child for possible inclusion in press materials. Please indicate your willingness to have your child interviewed and/or photographed by selecting the appropriate statement below.

Please initial and choose only one option below:

________ I am willing to have my child **interviewed and/or photographed** and to have his or her photo and name included in the local newspaper, the Center for Gifted Education website, text of a William & Mary press release, or photograph caption.

________ I am willing to have my child **interviewed** and to have his or her name included in the local newspaper or text of a William & Mary press release.

________ I am willing to have my child **photographed** and to have his or her name included in the local newspaper, text of a William & Mary press release, or photograph caption.

________ I prefer that my child not be interviewed or photographed.

Child’s Name (please print): __________________________________________

Parent/Guardian’s Name (please print): __________________________________________

Parent/Guardian’s Signature: __________________________________________ Date: ________________

Please note that until the time of publication, we are unaware of which class(es) and/or students will be included in press materials.
The Internet is an electronic highway connecting millions of computers and computer users from all over the world. The Internet offers:

- electronic mail communications with people from all over the world,
- access to many library catalogs from all over the world,
- information and news from a wide variety of electronic sources,
- public domain software and shareware of all types, and
- access to world wide discussion groups.

Parental Permission

- Students under the age of 18 years must have a parent/legal guardian sign this form before the first use of the Internet.

E-mail

- E-mail accounts will be assigned to students only for the duration of the teacher-directed project.
- Hate mail, harassment, discriminatory remarks and other inappropriate behaviors are prohibited on the network.
- Receipt of inappropriate mail should immediately be reported to a teacher and to the SEP staff.

Copyright and Citations

- Any copyrighted materials are subject to the Fair Use provision of copyrighted materials as it relates to education.
- Internet materials used in reports or other documents must be cited. If there is no direct citation, the Uniform Resource Location (URL) must be cited.

Undesirable Materials

- Students, teachers, and assistants in the SEP program must accept responsibility for restricting access to undesirable materials.
- Students who gain access to undesirable Internet materials must report this material to their teacher.
- Teachers who gain knowledge of undesirable Internet materials must report this material to the SEP staff at the Center for Gifted Education.

Games

- Games may not be downloaded from the Internet without approval from the teacher or the SEP staff.

Listservs

- Listservs may not be subscribed to without approval from a teacher or the SEP staff.

Commercial Use

- Commercial use of the Internet by individuals participating in SEP is forbidden.

Network Etiquette:

You are expected to abide by the general accepted rules of network etiquette. These include, but are not limited to, the following:

- Be polite. Do not send abusive messages to other users.
- Use appropriate language. Do not swear, use vulgarities or any other inappropriate language. Illegal activities are strictly forbidden.
- Do not reveal your or anyone else’s personal address or phone number.

Please note that e-mail is not guaranteed to be private.

I agree to the above stipulations and understand that any misuse or abuse of the Internet may result in the suspension or revocation of my Internet account.

Child’s Name (please print): ________________________________

Parent/Guardian’s Name (please print): __________________________

Parent/Guardian’s Signature: __________________________ Date: __________________
STUDENT RECOMMENDATION FORM

Spring 2019 • Williamsburg, VA
Center for Gifted Education, SEP
P.O. Box 8795
Williamsburg, VA 23187-8795
Telephone: 757-221-2362 Email: sep@wm.edu

Parent/Guardian: Please complete Section A and give this form to your child’s principal, guidance counselor, gifted program coordinator, or teacher.

Section A
Applicant: ____________________________________________________________

Principal, guidance counselor, gifted program coordinator, or teacher: Please complete Section B and either mail it to the Center for Gifted Education at P.O. Box 8795, Williamsburg, VA 23187 or send it via e-mail to sep@wm.edu.

Section B
Recommender: _________________________________________________________

School:__________________________________________________________

Name: __________________________ Position: __________________________ Phone #: __________________________

Street: __________________________ City: __________________________ State: __________________________ Zip Code: __________________________

1. Number of years acquainted with student: [ ] 0–1 year [ ] 1–2 years [ ] 2–3 years [ ] 3–4 years [ ] 5+ years

2. What is your relationship to the applicant? ________________________________________________________________________

3. Indicate the level at which the student is currently working:
   [ ] at grade level [ ] 1 grade above [ ] 2+ grades above [ ] Don’t know

4. Indicate the student’s likelihood of success in a high-ability enrichment program:
   [ ] very likely [ ] likely [ ] somewhat likely [ ] unlikely [ ] very unlikely

Comments (please use back of this form for additional comments):

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<thead>
<tr>
<th></th>
<th>Very Superior</th>
<th>Superior</th>
<th>Above Average</th>
<th>Average</th>
<th>Below Average</th>
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</thead>
<tbody>
<tr>
<td>Intellectual curiosity</td>
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<tr>
<td>Demonstrated academic ability</td>
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<td>Academic potential</td>
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<td>Problem-solving ability</td>
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<td>Study and organizational skills</td>
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<td>Verbal reasoning ability</td>
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<tr>
<td>Mathematical reasoning ability</td>
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Recommender’s Signature: __________________________ Date: ________________