Saturday Enrichment Program
- Fall 2016 -

October 29th, November 5th, 12th, 19th, & December 3rd

9:30 a.m. – 12:30 p.m.

Center for Gifted Education

Program Site: St. Mary’s Catholic School
9501 Gayton Road
Richmond, VA 23229
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 optional 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 individual field of inquiry,
- 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**

- September 30, 2016: Course assignment decisions made; classes that do not meet the minimum enrollment requirement will be cancelled
- October 3, 2016: Session schedules and information packets mailed out to families
- October 21, 2016: Deadline for payment of outstanding tuition balances
- October 29, 2016: Classes begin
- December 5, 2016: Final class

**PRECOLLEGIATE LEARNER PROGRAMS STAFF**

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

Ryan Thompson
Program Coordinator

Contact Information
Phone: (757) 221-2166
E-Mail: sep@wm.edu
Course Descriptions

Grades K–1

CODE: 16FALL-01
WHAT MAKES THE SEA SALTY?
Misty Dunlavey

In this class, we will explore the ocean. What makes it salty? What does the bottom of the sea look like? What kinds of animals live in the sea? What kinds of plants? These questions and more will be explored through books, songs, crafts, experiments, and observations. Plants and animals from the sea will join us and guide us through our investigations.

Grades 1–5

CODE: 16FALL-02
FINGERPRINT PRODUCTION...CREATIVE ARTS IN THE MAKING
Cathy Naylor

The Fingerprint Productions workshop will present a unique opportunity for students to engage in improvisational, performing arts activities that incorporate all of the Language Arts Skills, while enhancing life skills as well. These fun drama exercises include activities in problem solving, creative thinking, verbal and non-verbal communication, listening skills, and full improvisation techniques. We will also create some stories based on popular literature and perform them through a Theatre-in-the-Round format.

Grades 2–3

CODE: 16FALL-03
BEAUTIFUL MATH
Ellen Walter

This class will bring together art and math in a fun way. What we see as beauty in nature is sometimes simply beautiful order. While learning about patterns, symmetry, rotational symmetry, tessellations, the Fibonacci Sequence, and fractals, we will create hands-on art projects and spend time each day in the computer lab visiting sites that correlate with our projects.

Grades 3–5

CODE: 16FALL-04
MYSTERY RIVER
Deanna Marroletti

In this problem-based unit, students will encounter a real-world scenario in a fictional town. Hopewell’s freshwater mussels are dying out. None of the town’s leading researchers can agree on the cause. Our task is to explore the problem from every angle to form a reasonable explanation and propose a possible solution. Is the river polluted? Has a new predator been introduced into the habitat? Are the mussels being over harvested? We will use town documents, news reports, simulated interviews, and labs to get to the bottom of this puzzle and present our findings to a panel of “town officials” at the end of our investigation. The town is counting on you to help save this valuable resource in Mystery River!

Grades 4–6

CODE: 16FALL-05
CREATIVE ENGINEERING
Jeff Fry

Engineer, create, and build a variety of engineering projects that will test your skills and abilities. The students will be presented with various problems to solve and will choose from a variety of materials to create their solutions. Possible activities include pneumatic flying vehicles, cardboard bridges, rooftop egg drops, racing vehicles with various propulsion systems, and ATV to navigate a course with sand, rock, and water obstacles.

CODE: 16FALL-06
LEGO ROBOTICS I
Pennie Brown

Always wondering how things work? In this course, participants will explore the ever-changing world of robotics. Using the new NXT robots, students will have the rare opportunity to build, program, and test the function of various robots. Students will explore ways to program robots to accomplish given tasks and watch it happen. These aspiring scientists will use problem-solving and critical-thinking strategies to take their basic knowledge to new levels. The final products are amazing! Your personal creativity is the only limit.
Course Descriptions

Grades 7–9

CODE: 16FALL-07
CREATE YOUR OWN VIDEOGAME
Bonnie Adams

Have you ever wanted to create your own videogame? Here is your chance! Learn the basics of Game Design, from simple PowerPoint Games through more complex game design in Scratch and Game Maker. Using the Video Game Design Documents for the National Stem Video Game Contest, students will create a written Game Design Document, a Game Design Plan, AND build their game, which they can then submit to the National Stem Video Game Contest.

This year, "Creative Your Own Videogame" will be a hybrid course, meaning we will combine face-to-face instruction with online, self-paced instruction using Edmodo. Edmodo is a class tool that allows students to upload work into their backpack to transfer from place to place, interact with the instructor through discussion and chat, and receive instructional materials to use at their own pace within each week.

First Class: A face-to-face meeting to learn how to work within Edmodo. Students will also learn how to build their first game in PowerPoint and where and how to download game design software Scratch and Game Maker and other class resources for each week, as well as the weekly expectations.

Classes 2-4: Online meetings using Edmodo to complete assignments, including Introduction to Game Making in Scratch, Introduction to GameMaker, and Game Design Documents. Students may move at their own pace during that time, working through the tutorials and using the discussion board and weekly chat with the instructor, to create a game worthy to submit to the National Stem Video Game Contest.

Final Class: A final face-to-face session to showcase our games, complete our Game Design Documents, and review the requirements for National Stem Video Game submission.
Program Information

**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.

**Lunch (Summer Only):** Children enrolled in morning AND afternoon courses should bring lunch daily. These students will have a supervised lunch period. Therefore, parents need not return to campus during lunch time in such cases. We will take children to their next class. Please have students bring lunch daily.
Admission 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 the Center for Gifted Education at (757) 221-2362 to schedule a screening appointment. Assessments are conducted on Saturdays at the Center's main office (301 Monticello Ave., Williamsburg, VA 23185). 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.

Examples of Accepted Nationally Normed Tests

<table>
<thead>
<tr>
<th>American Testsimilarities</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 of 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-Anderson 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>
<td></td>
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</tbody>
</table>

Please contact the Center for Gifted Education at (757) 221-2166 for other accepted tests and questions.
SEP APPLICATION FORM
Fall 2016 • Richmond, VA
October 29th, November 5th, 12th, 19th, & December 3rd

Applicant: ____________________________  Last  First  MI

D.O.B. (MM/DD/YYYY)  Age  Grade  Gender  Race (for statistical purposes only)

Home Phone #  Best Contact #  E-Mail

Home: ____________________________ Street  City  State  Zip Code

School: ____________________________ Name

School Division/District Name: ____________________________ [ ] Public  [ ] Private

- Has the student previously attended SEP? [ ] Yes  If yes, when ____________________________
  If the student has not previously attended, how did you hear about SEP? ____________________________

- Has the student been formally identified for a school-based gifted program? [ ] Yes

- Are you interested in participating in a carpool? [ ] Yes

Help another child attend SEP by giving a tax deductible donation to support scholarships for families in need. If you are interested, please send a separate check for the amount of your donation made payable to William & Mary. Include the account number 2552 in the memo section.

Course Preferences - Please include course code and title below (ex. 16FALL-01 WHAT MAKES THE SEA SALTY).

(9:30 a.m. — 12:30 p.m.)

1st choice: 16FALL—__________________________

2nd choice: 16FALL—__________________________

3rd choice: 16FALL—__________________________

- Please indicate if a member of your family is a current William & Mary faculty/staff member or student: [ ] Yes

- Please indicate if you are enrolling multiple children: [ ] Yes

- Please indicate if you wish to be considered for a partial, need-based scholarship? [ ] Yes
  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: ____________________________

Application Packet Checklist:
- $29 Deposit (checks & money orders payable to William & Mary)
- Pick-Up Form
- Health Form
- Copy of Most Recent Health Insurance Card
- Interview & Photograph Release Form
- Internet Acceptable Use Procedures & Agreement

For First Time Applications (in addition to above items):
- Copy of approved testing report  Student recommendation form

Please submit the completed application packet by September 30th, 2016. At this time, we will make final class assignment decisions and courses may be cancelled due to low enrollment.

Please send all application materials to:
Center for Gifted Education, SEP
P.O. Box 8705, Williamsburg, VA 23187-8705

OFFICE USE ONLY

Received  /  /  Initials  Amount $  
Check/MO #:  Check/MO Date  /  /  

$
SEP PICK-UP FORM
Fall 2016 • Richmond, VA

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 identify.

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

(Student’s Name)
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

**Fall 2016 • Richmond, VA**

<table>
<thead>
<tr>
<th>Student:</th>
<th>Last</th>
<th>First</th>
<th>MI</th>
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<tbody>
<tr>
<td>Parent/Guardian:</td>
<td>Last</td>
<td>First</td>
<td>MI</td>
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<tr>
<td>Relationship to Student</td>
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<td></td>
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<tr>
<td>Work Phone #</td>
<td>Cell Phone #</td>
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<tr>
<td>Parent/Guardian:</td>
<td>Last</td>
<td>First</td>
<td>MI</td>
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<tr>
<td>Relationship to Student</td>
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<tr>
<td>Work Phone #</td>
<td>Cell Phone #</td>
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</table>

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

<table>
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<tr>
<th>Last</th>
<th>First</th>
<th>MI</th>
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</thead>
<tbody>
<tr>
<td>Relationship to Student</td>
<td></td>
<td></td>
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<tr>
<td>Home Phone #</td>
<td>Cell Phone #</td>
<td></td>
</tr>
</tbody>
</table>

## Student’s Medical Details

- Does your child have any special needs? [ ] Yes 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: 

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

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.

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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: ____________________
SEP INTERVIEW & PHOTOGRAPH RELEASE FORM
Fall 2016 • Richmond, VA

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:

_______ I am willing to have my child **interviewed and/or photographed** and to have his or her name included in the local newspaper, 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.
SEP INTERNET ACCEPTABLE USE
PROCEDURES & AGREEMENT

Fall 2016 • Richmond, VA

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, access to world wide discussions groups.

Parental Permission
Students under the age of 18 years of age 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 related 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

Fall 2016 • Richmond, VA

Center for Gifted Education, SEP
P.O. Box 8795
Williamsburg, VA 23187-8795
Telephone: 757-221-2166   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: ____________________________________________

Last Name                                                                 First Name                                                             MI

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: ____________________________________________

Last Name                                                                 First Name                                                             MI

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

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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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<tr>
<td>Academic potential</td>
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<tr>
<td>Problem-solving ability</td>
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<tr>
<td>Study and organizational skills</td>
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<tr>
<td>Verbal reasoning ability</td>
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<tr>
<td>Mathematical reasoning ability</td>
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Comments (please use back of this form for additional comments):

__________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

Recommender’s Signature: ________________________________________ Date: ___________