

# Elementary Advanced Co-Curricular Activities and Competitions 2019-20

## What is the Purpose of the Advanced Co-Curricular Programs?



- Offer a broad spectrum of learning experiences outside of the traditional classroom for elementary, middle, and high school students.
- Intended to complement, broaden and provide a practical application of the knowledge students receive in regular classes.
- Afford every child the opportunity to participate in activities for which they have a passion for (show perseverance) and enjoy.
- Provide students the chance to work as a member of a group (leadership, risk taking in a safe environment, and collaborative skills) in order to achieve a goal.
- Require students to think critically, solve problems, manage time, and appreciate the talents and differing abilities of other students.
- Provide students with meaningful, expanded learning experiences, and opportunities to grow as individuals.

## Directions to the Adjunct Brochures on the WEB

- Go to [www.aacps.org/cocurricular](http://www.aacps.org/cocurricular)
- Click on the Adjunct Programs tabs left.
- It will take you to our adjunct page which has the current brochures offered in each program
- The brochures are in .pdf format and the application page must be printed and completed in most cases

## Where do the Applications GO?

EXPLORE: Anne Arundel Community College fax: 410-777-4325

EXPLORE FARMS financial Aid: Linda Rau phone: 410-222-5430

MD Hall (AACPS Scholarship Program for students of need) Linda Rau fax: 410-222-5608

MD Hall based scholarship: <http://www.mdhallarts.org/classes/index.html>

MSDE Summer Centers: apply directly to site (AACPS offers 2 sites state-wide sites; Programs are open in April of each year; there is financial assistance)



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The following is a list, though not exclusive, of academic activities and challenges at local, state, and national levels in which schools may elect to participate. Contact the main office at your school to obtain specific information as to if your school participates. Brief descriptions and website links are included.

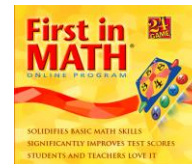


### **24 Game® – Grades 3-8 (S.T.E.M. RELATED ACTIVITY) and First in Math On-line Competition (S.T.E.M. RELATED ACTIVITY)**



"Knowing the answer is always 24 alleviates a classic brand of math anxiety—getting the right answer—and instead puts the emphasis on the process and patterns, what I like to call the method behind the math," says Robert Sun, Inventor of the 24 Game. Elementary: There are 3 levels of

competition, Grade 3, Grade 4 and Grade 5 Middle level: Red and Gold Math Competition where 24 is always the answer. <http://www.24game.com>.



Grades 4-5 (check with elementary school to see if other grades have it.) have access to the First in Math program which can assist with Math and 24 Game skills. <http://www.firstinmath.com/default.asp>.

### **AVID [Advanced Via Individual Determination] Enrichment Club (Various Elementary, Middle and High Schools)**



Students extend the opportunity to apply skills and techniques learned in AVID courses. Enrichment options may be selected. <http://www.avid.org>

### **Continental Math League, Inc. (CML) – Grades 3-9 (S.T.E.M. RELATED ACTIVITY)**

Participants will demonstrate progress in the art of problem-solving and analytical reasoning capabilities. For grades 4 – 9 we offer two divisions – the Euclidean and Pythagorean divisions. The Euclidean division has questions calling upon average reading comprehension and analytical reasoning. The Pythagorean division has questions calling upon above-average reading comprehension and analytical reasoning. There is only one set of questions for all other Leagues/Contests. When you register a team in any of our Leagues/Contests, you can administer the questions to as many students as you wish. Your team score is your top 6 student scores in math. For CML, student names can change from meet to meet. You report your team scores on score forms provided or by visiting the results section of our website <http://www.continentalmathematicsleague.com/>.

### **Creative Writer's Workshop (Elementary and Middle School Levels)**

Using Write Brain Books as a guide, students may be to collaborate in groups to write and donate to coauthored book. Each then writes independently, receiving copies of their self-authored books. Every student's self-esteem and test readiness elevates as vital academic and social skills develop. Students are encouraged to use available technology, illustrate their works and share products with classmates, family and friends.



 **Destination ImagiNation®** Destination ImagiNation® Grades K-12 (S.T.E.M. RELATED ACTIVITY) for some activities

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“Destination Imagination (DI) is a project-based learning experience that applies the creative process across seven challenge areas—technology, science, engineering, fine arts, improvisation, service learning, and early learning—and is open to any team of students from kindergarten through university. By participating in Destination Imagination Team Challenges, students gain the 21st century skills needed to thrive in school, careers and beyond, including creative and critical thinking, collaboration, and project management. Teams have the opportunity to showcase their innovative Challenge solutions at Regional and Affiliate DI competitions and vie for a spot at Global Finals—the world’s largest celebration of creativity.” More information is available at [www.idodi.org](http://www.idodi.org).



### ***Integrated Arts or Fine Arts Club OR EEE Clubs and STEM CLUBS***



Students participating in this enrichment club incorporate a variety of fine arts in their extension activity. They explore topics in a project based, real world application environment where elements of the visual arts, music, performing arts and dance may co-exist with current technology. STEM Based clubs must get approval from the STEM Coordinator. EEE Based clubs must get approval from the EEE Office.

**MESA-** (Mathematics, Engineering and Science Achievement) **(S.T.E.M. RELATED ACTIVITY)** Maryland MESA is a structured, K-12, pre-college program designed to prepare students for academic and professional careers in mathematics, engineering, science, and technology. For more information, visit their website at <http://www.jhuapl.edu/mesa/home/default.asp>.



### ***NASA Best Club- Aerospace Engineering (S.T.E.M. RELATED ACTIVITY) (grades K-4 and 5-8)***

This aerospace engineering course is sponsored by Anne Arundel County Public Schools with activities designed by NASA and educators. Students will have the opportunity to work with practical household supplies in order to understand concepts NASA scientists have developed for space travel and lunar/Martian exploration.

<http://www.nasa.gov/audience/foreducators/best/>



### ***On-line Book Club Hybrid (Elementary and Middle School Levels)***



410-222-5430.

Held in conjunction with the ALPs Office and the AP/College Prep Office, advanced language arts students are invited to participate in an on-line book club during the school year. They will need internet access in order to join a blackboard discussion group. A final project or special culminating activity is designed for each book at each grade level. Contact the ASP ALPs (Elementary Level) or ASP College Prep Offices (Middle Level) for details,



### ***SEA Perch- Underwater Robotics (S.T.E.M. RELATED ACTIVITY) Elementary, Middle and High School Levels***

This engineering design course focuses on design, development and building of an underwater remotely operated vehicle (ROV). Students will learn the principles of engineering in a fun-filled project based club environment. SEAPerch Underwater Robotics Competitions will be held locally, regionally, and nationally. Elementary schools will be invited to a county-wide EXPO to demonstrate their accomplishments.

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Due to the increased costs of this program, schools are asked to purchase one full SEAPerch kit from the co-curricular office. The exact numbers of perch and numbers of student representatives will be discussed annually. Schools may apply for grants directly at <http://www.seaperch.org> in order to get all of their kits for free or minimal cost.

### *World Language and Culture Clubs (Elementary, Middle and High School Levels)*



This year, the Advanced Studies and Programs Division is encouraging all IB related schools, PYP, MYP and IB and EEE World Language and Culture focus schools, to sponsor a World Language and Culture Club, using Rosetta Stone. Schools having Rosetta Stone on their school networks are encouraged to share the use with all students, faculty and the community. Clubs are encouraged to have a STEM-World & Classical Language and well as Fine Arts- STEM- World & Classical Language Focus to enhance the classroom instruction.

## Adjunct Programs for Advanced Students

Adjunct programs augment the instructional program outside the regular school day. They provide an enriching complement to a student's regular education experience. Anne Arundel County Public Schools is fortunate to have strong partnerships with organizations in the community that comprise unparalleled resources, including the Naval Academy, the National Security Agency, Anne Arundel Community College, and Maryland Hall for the Creative Arts.

### *EXPLORE Program and Middle School Scholars*



In partnership with Anne Arundel Community College, Anne Arundel County Public Schools offers after-school and weekend enrichment courses for advanced learners in grades kindergarten through five. EXPLORE courses extend regular classroom instruction, stimulate higher level thinking and creativity, and encourage discovery of hidden talents and abilities. Tuition and supplies/lab fees are indicated in the fall, winter/spring, and summer course offerings booklets which are distributed through the main office or school counselor in each elementary and middle school. EXPLORE booklets and application forms may also be accessed through the Advanced Co-Curricular

Programs web page on [www.aacps.org/cocurricular](http://www.aacps.org/cocurricular). Tuition assistance is available for students of financial need.

### *Maryland Hall for the Creative Arts AACPS SCHOLARSHIP Program*

Maryland Hall for the Creative Arts in Annapolis offers after-school and Saturday courses in the creative and performing arts. Twenty percent of the annual enrollment is provided tuition-free to applicants of **FINANCIAL NEED** from Anne Arundel County Public Schools. Sculpting, painting, jewelry design, classical ballet and acting are just some of the classes offered for ages five to seventeen. AACPS Scholarship applications and course offering booklets are distributed in schools for fall, winter/spring, and summer sessions and are available



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at the Advanced Co-Curricular Programs website, [www.aacps.org/cocurricular](http://www.aacps.org/cocurricular). Selected students will also have supply fees paid.



Students who are not selected for the AACPS Scholarships may contact Maryland Hall for the Creative Arts directly and pay for the courses. The number for MD Hall is (410) 263-5544 or you may visit <http://www.marylandhall.org/home> for more information.

### *MSDE Maryland Summer Centers-*



The Maryland Summer Centers program, in partnership with public and nonpublic agencies, provides Maryland's diverse gifted and talented student population with advanced, rigorous, experiential learning opportunities that nurture these students' talents and abilities within unique learning environments. Programs are designed for students entering grades three through twelve.

<http://www.marylandpublicschools.org/MSDE/programs/giftedtalented/centers>

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