Clarksburg High School

Home of the Coyotes

22500 Wims Road
Clarksburg, Maryland 20871

What is the APPS Program?

1. Signature Program
2. Spans 4 years of high school
3. College preparatory
4. Combines AP and honors level classwork
5. Supportive environment
6. **Supportive environment**
7. **Flexible to meet student interests**

ADVANCED PLACEMENT POWER SCHOLARS

Current APPS Enrollment

Total Enrollment: 670 students

180 Freshmen

195 Sophomores

162 Juniors

133 Seniors

What kind of student is an APPS student?

1. Student motivated to do hard work.
2. Student excels at time management and can balance a rigorous course load with extra curricular activities
3. Generally has A's and just a few B's in middle school
4. Is sensitive to calendar deadlines.
5. Can work independently.
6. Shows intellectual curiosity.
7. LOVES learning

ADVANCED PLACEMENT POWER SCHOLARS

APPS Advantages

- Cohort of students in 9th and 10th grades for English, Science, and Social Studies courses
- Support for successful completion of Advanced Placement® course work.
- Opportunity to earn college credit while in high school.
- Specialized opportunities for extended, cross disciplinary learning experiences.
- Potential for formal recognition by the College Board in the AP® Scholar Program.

APPS Requirements

- Complete 6 AP Classes and their corresponding exam
- Attend 2 APPS opportunities per semester
  - guest speakers
  - workshops
  - field trips
- Maintain 3.5 unweighted GPA
  - 3.0 in AP classes
- Complete a senior Showcase Presentation

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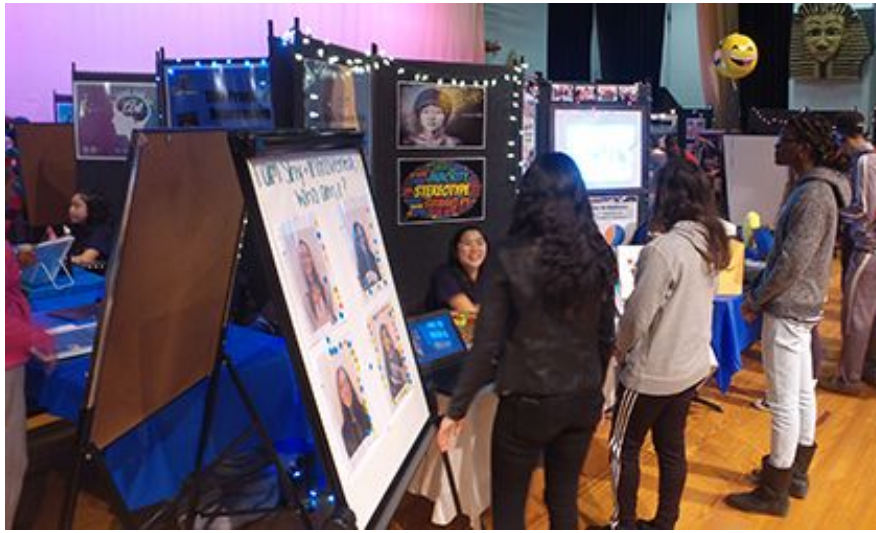
APPS Showcase

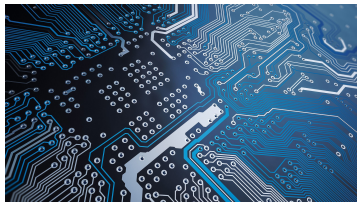
Unleash your passion!

- ❑ Ideas- guest speakers, clubs, field trips, guest speakers, class
- ❑ Log of APPS events
- ❑ Extend your learning from the classroom into something more!



ADVANCED PLACEMENT POWER SCHOLARS

AP Showcase Requirements

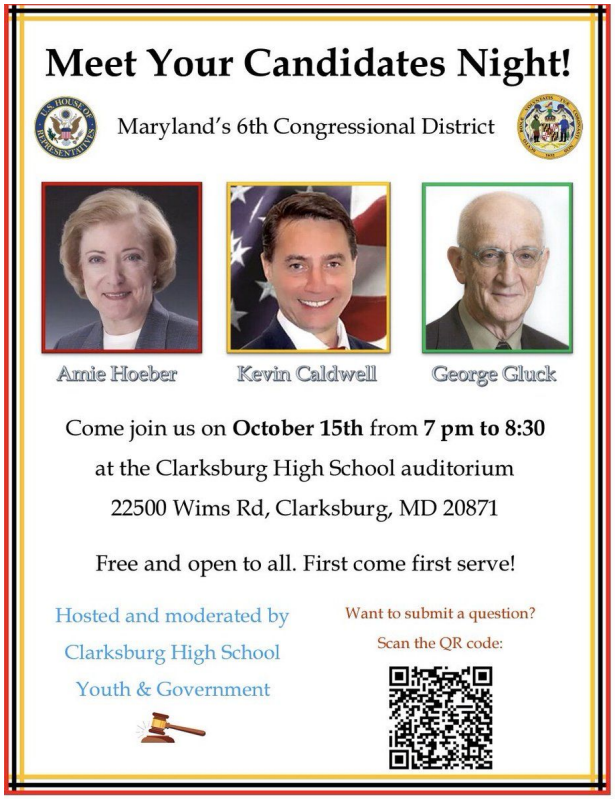


- Showcase proposal submitted by the end of Semester 1 Junior year
- Choose and coordinate with a mentor about your showcase
- Plan, research, work, perform whatever your showcase will be
- Sign up to present your showcase during the second semester of your junior year, or during either semester of your senior year.
- Create a tri-fold presentation board demonstrating your learning/work on your showcase presentation.

Arpan Barua

- Worked with Y&G to promote youth programs in Congress.
- Planned and executed a “Meet the Candidates Night” for Maryland’s 6th Congressional District

Arpan with Jamie Raskin
Representative for MD 8th district



ADVANCED PLACEMENT POWER SCHOLARS

Aamna Siddiqui

- Worked with Girl Scouts to write a grant for a vegetable garden
- Planned and planted the garden to provide self-sustaining food for a Muslim women's shelter

ADVANCED PLACEMENT POWER SCHOLARS

"My work helps SCaN manage its assets and ensures that communications with spacecrafts are always available. This is extremely important for upcoming missions to the Moon and Mars because ensuring that there is always communication between astronauts and ground stations is vital to mission success."

NAME: Sienna Williams

POSITION: SCaN Now Intern

YEAR RETURNING: 2nd

NASA CENTER: Goddard Space Flight Center

UNIVERSITY: Massachusetts Institute of Technology (MIT)

FUN FACT: I have wanted to become an astronaut since I was in kindergarten and being here at NASA is a dream come true to me. MIT is also the civilian institution that has graduated the most astronauts, so going there next year brings me one step closer to my goal.

Sienna Williams

ADVANCED PLACEMENT POWER SCHOLARS

Colleges our APPS students attend:

American University
Boston University
Boston College
Bryn Mar
Carnegie Mellon
Clemson University
Colorado University – Boulder
Columbia University
Cornell University
Dartmouth University
Drexel University
Elon University
George Washington University
Georgetown University
Georgia Tech
Gettysburg College
Harvard University
Hood College

Howard University
Indiana University Bloomington
James Madison University
Lehigh University
St. Mary's College of Maryland
Mass. Institute of Technology
University of NC Chapel Hill
NC State
Ohio State University
Penn State
Princeton University
Rutgers University
Rochester Inst. of Technology
Salisbury University
Spelman College
Stanford University
Susquehanna University

Syracuse University
Towson University
Tufts University
University of Cincinnati
U. of Illinois – Champaign/Urbana
University of MD College Park*
UMBC *
University of Miami
University of Michigan
Michigan State
Montgomery College
New York University – New York
New York University – Abu Dhabi
University of Pittsburgh
University of South Carolina
University of Virginia
Vanderbilt University
Virginia Tech
Wake Forest University

What does a schedule look like: APPS Freshman

1 APPS AP class and 3 APPS honors classes

9

cohort

Social Studies: (APPS) AP Government
English: (APPS) Honors English 9
Science: (APPS) Honors Biology
Math: Appropriate math (Algebra II, Geometry pre-calculus) (Honors level)

- Elective choice
- Elective choice
- Elective choice

Physical Education
Technology
World Language
Music / Art

ADVANCED PLACEMENT POWER SCHOLARS

What does a schedule look like: APPS Sophomore?

1 or 2 AP classes and 3 APPS Honors:

cohort

Social Studies: AP US History (APPS)
English: Honors English 10 (APPS)
Science:Honors Chemistry (APPS)
optional AP Environmental
Math: Appropriate math (Algebra II, Pre-calculus, AP Calc AB, or AP Stat)

10

- Health/Elective choice
- Elective choice
- Elective choice
  - Physical Education
  - Technology
  - World Language
  - Music / Art

ADVANCED PLACEMENT POWER SCHOLARS

Schedule for an APPS Junior/Senior

2-3 AP Classes, Graduation Requirements, Electives

Social Studies
AP World History
AP European History
AP Comparative Government
AP Psychology
AP Macro & Micro Economics

Science
AP Biology
AP Chemistry
AP Physics
AP Environmental

Math
AP AB Calculus
AP BC Calculus
AP Statistics

World Languages
AP Spanish Language
AP Spanish Literature

Art/Music
AP Studio Drawing
AP Photography
AP Ceramics
AP Music Theory

Tech
AP Computer Science

English
AP English Language
AP English Literature

Classes from Career Pathways:
Academy of Health Professions
Horticulture Pathway
Network Operations Pathway
Computer Science Pathway
Early Childhood Development

Classes at:
Montgomery College
Universities at Shady Grove

Internships with:
Natl. Cancer Institute
Johns Hopkins Applied Physics Lab
NIH
NASA

11&12

Pathways work with APPS!

1. **Academy of Health Professionals and BioSciences: * Physical Rehabilitation or Pharmacy (and maybe Med. Tech!)**
   Classes like: Foundations of Medicine, Anatomy and Physiology, Fundamentals of Pharmacy

2. **Computer Science Pathway***
   Classes like: Computer Programming I, II and III, AP Computer Science Principles, Comp Software Engineering

3. **Advanced Engineering (Project Lead the Way)**
   Classes like: Intro to Engineering Design, Digital Electronics, Civil Engineering/ Architecture

4. **Network Operations Pathway***
   Classes like: Network Operations 1 /2,Computer programming, Website Development, Programming Concepts

5. **Certified Fire Science and Rescue Pathway***
   Classes like: Fire and Rescue I and II which includes Emergency Medical Training,

6. **Early Child Development Pathway**
   Classes like: Child Development 1, 2,and 3 , AP Psychology

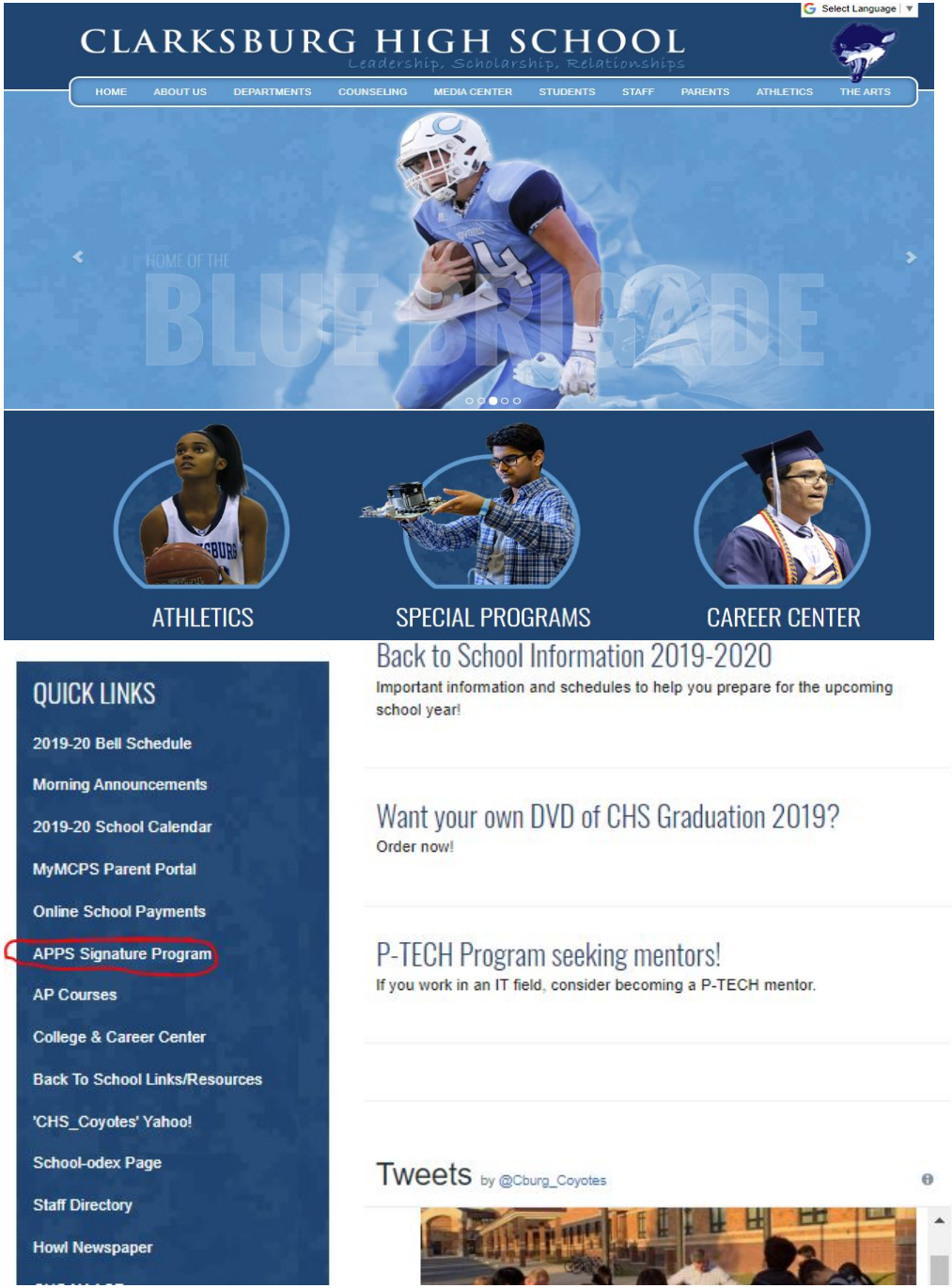
7. **P-Tech**
   *If accepted to both APPS and P-Tech students would need 3 AP classes and 3 dual enrollment classes

How do you apply?

APPS Application on CHS Webpage

Hard Copies at parent meeting

Application Window:
Oct 1 to Nov. 27 2019



APPS Application: 5 Parts

Application Instructions
School Year 2020-2021

Application process: **Opens:** October 1, 2019
Closes: November 27, 2019

Content and Deadlines
The application packet contains:

Part 1: *Form #1 is a google form and can be found at this link*
https://forms.gle/kF3ApZNKeUWuBptn8

Part 2: *Parent and Student Application Statement*

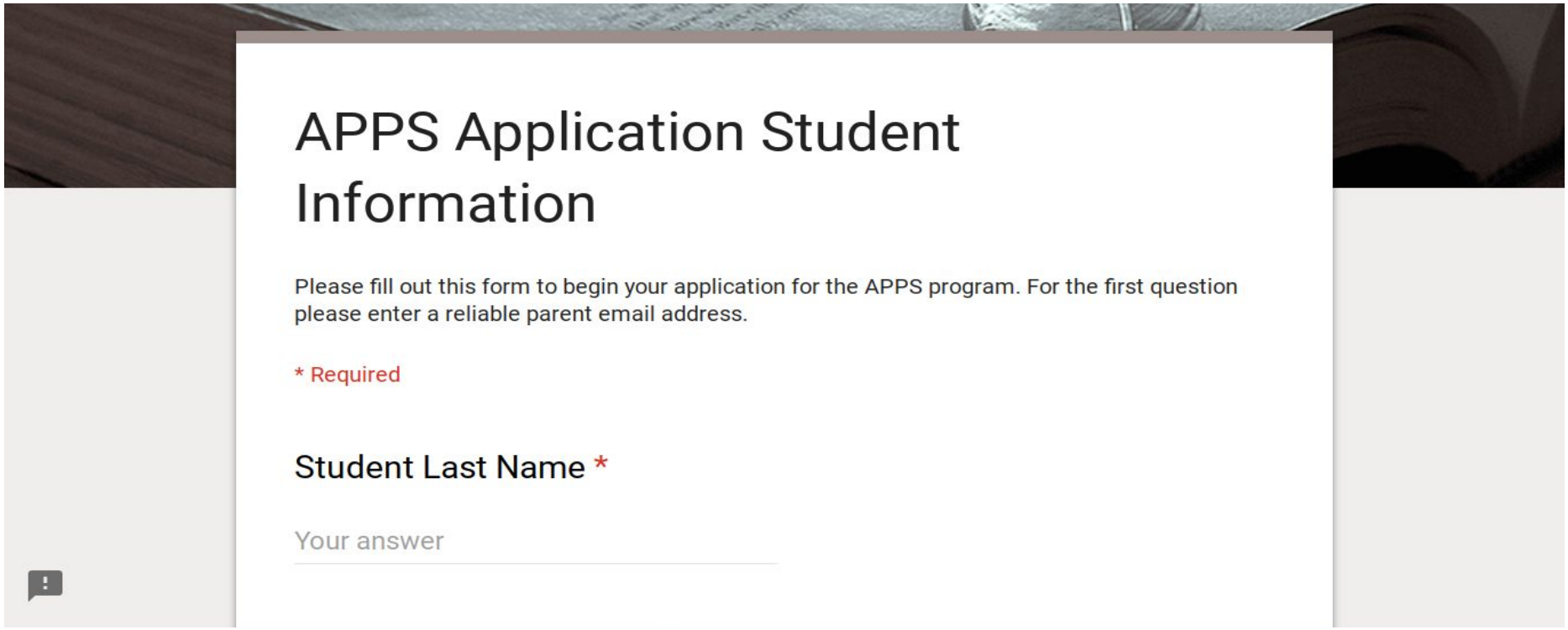
Part 3: *Counselor Verification*
- The school counselor is asked to attach the student's report cards, standardized test results (MAP/PARCC) and general information.
- The *counselor* will send the completed form to Clarksburg High School.

Part 4: *Teacher Reference/Evaluation (3 references needed from academic teachers)*
- The *student* will choose the subject area and give the appropriate form to their teacher and have them sign confirming they received the form.
- The *teachers* will send the completed form to Clarksburg High School via pony, USPS or emailing rachel_l_clements@mcpsmd.org

Part 5: *Writing Sample*
- The student is asked to submit **1 writing sample based on a prompt.**

Part 1- Identifying information

To Be Completed Online in a Google Form



Part 2- Parent and Student Statement

Part 2

PARENT APPLICATION STATEMENT

I hereby submit this application for my child to be considered for the APPS Program at Clarksburg High School. I understand that this application reflects my child's work and abilities. I understand that if any information in this application is found to be falsified or plagiarized, my child's application could be rejected. I understand that this application will be held in confidence by all members of the APPS committee and will not be returned to students or parents.

The APPS program is offered only to students **residing within the Clarksburg High School Cluster.** Students should not apply if you reside outside the Clarksburg High School boundaries.

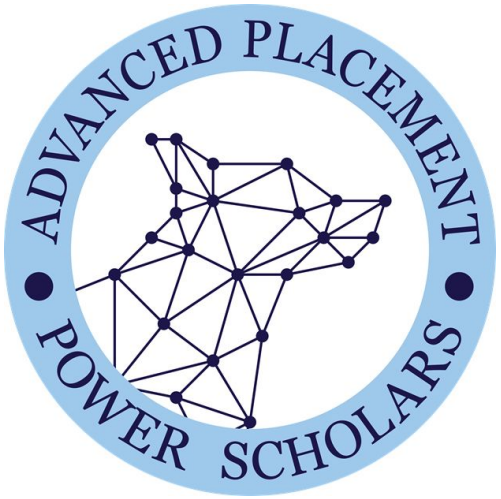
Parent /Guardian Signature: _____ Date: _____

STUDENT APPLICATION STATEMENT

I hereby submit this application. I certify that the information here is correct and an accurate representation of my work and abilities. I understand that plagiarizing any portion of this application will be grounds for my application to be rejected. I understand that this application will be held in confidence by all members of the APPS committee and will not be returned to students or parents.

I understand that if accepted into the APPS program I will be expected to:

- ❑ attend seminars and guest speaker opportunities
- ❑ take 6 AP classes and their corresponding AP exams
- ❑ complete an AP Showcase presentation to demonstrate my extended learning.



Student Name:

APPS PROGRAM
Advanced Placement Power Scholars
Clarksburg High School

Part 3: COUNSELOR VERIFICATION

Student Name: _____ MCPS ID#:_____

Current School:

❑Rocky Hill ❑Neelsville ❑ Hallie Wells ❑Other:_____

1. Counselors please **attach report cards for this student** that include quarterly GPA
   a. 7th grade report card
   b. 8th grade report card (include final grades for MP1)
2. As a school, please send one alphabetical list of the most recent MAP-R/ MAP-M scores for your 8th grade students to APPS Coordinator rachel_l_clements@mcpsmd.org
3. Do you have any special concerns or considerations in the following areas about this student's participation in an accelerated academic program?

   Attendance: ❑ Yes ❑ No Behavioral Concerns: ❑ Yes ❑ No
   Academic Concerns: ❑ Yes ❑ No Special Requirements: ❑ Yes ❑ No

Please explain any "yes" answers:
_____
_____
_____

Part 3: Counselor Verification

Grades, Attendance, Standardized Test Scores

Part 4: Recommendations – 3 needed

(English, Math, Science, Social Studies or World Language)

FORM 3 English/Language Arts Teacher Recommendation

CONFIDENTIAL

Current English/Language Arts Teacher Recommendation Form

To be completed by teacher.

Dear Teacher:

Your recommendation is an important consideration in the decision process of the screening committee. Please complete the recommendation with reference to the demands of this challenging program and the full spectrum of students in general. Your comments are encouraged and greatly appreciated.

Student Name _____

A. Is this course an advanced course? ☐ Yes ☐ No
If no, is there an advanced course available in the school? ☐ Yes ☐ No

B. Is this student capable of working successfully in the APPS program? ☐ Yes ☐ No

C. Please comment on the student's academic / personal integrity and performance. **Text**
(You may use the back of this page as needed.)

BACK OF PAGE

MCPS teachers complete and return this recommendation form to the Clarksburg HS APPS Program via mail, PONY or email; or to the counseling office in the applicant's school for forwarding.
If the recommendation is from a teacher outside MCPS, please mail/email these forms to address below: Please note these forms are identical to MCPS magnate program teacher recommendation forms. Those can be substituted for submission.

Clarksburg High School APPS Program
(Advanced Placement Power Scholars)
22500 Wims Road
Clarksburg, MD 20871
Attn.: APPS Coordinator
sarah_l_costlow@mcpsmd.org

All recommendations for Clarksburg HS APPS program must be received by:
February 1 of the current school year.

Please use the following rating scale in completing each of the descriptors for this student. Consider the student with reference to the demands of the program and the full spectrum of students in general.

5 – Exhibits this trait to an exceptional degree
4 – Exhibits this trait consistently
3 – Exhibits this trait frequently
2 – Exhibits this trait occasionally
1 – Exhibits this trait rarely

	RATING	SCORE
Demonstrates higher order thinking skills (analysis and synthesis of ideas)	5 4 3 2 1	
Learns quickly with good retention	5 4 3 2 1	
Is a keen and alert observer	5 4 3 2 1	
Applies concepts to new materials	5 4 3 2 1	
Quickly recognizes and understands conceptual relationships	5 4 3 2 1	
Seeks intellectual challenges	5 4 3 2 1	
Is sensitive to clock and calendar deadlines	5 4 3 2 1	
Works well in group settings	5 4 3 2 1	
Demonstrates ability to concentrate	5 4 3 2 1	
Demonstrates strong skills in:		
Mathematical computation	5 4 3 2 1	
Content appropriate reading comprehension	5 4 3 2 1	
Content appropriate written expression	5 4 3 2 1	
Content appropriate critical thinking	5 4 3 2 1	
Content appropriate problem solving	5 4 3 2 1	
Demonstrates initiative and intellectual curiosity	5 4 3 2 1	
Is a self-starter and can work independently	5 4 3 2 1	
Can see past immediate rewards to long-range goals	5 4 3 2 1	
Generates a large number of ideas or solutions to problems	5 4 3 2 1	
Is a high academic risk-taker	5 4 3 2 1	
Demonstrates an interest in Mathematics	5 4 3 2 1	
	TOTAL	

Teacher completing form: PRINT _____ Telephone number _____

Course title _____ Grade level _____

Teacher signature _____ Date _____

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Part 5: Writing Sample

The APPS application requires a writing sample. The APPS program cohort begins with students in AP Social Studies classes. As a result, the writing sample is based on social studies skills and content. Students do not need any prior knowledge to answer the prompt.

Students are to respond to ONE of the prompts below in a typed essay that should be no more than one page double spaced in Times New Roman 12 point font. Please attach your essay to this page and circle the prompt to which you are responding.

Prompt #1

"If your newspaper columns are open to the women of Seneca county, we throw down the glove to any one who will meet us, in fair argument, on the great question of Woman's Rights. Depend upon it, this soon will be the question of the day. All other reforms, however important they may be, cannot so deeply affect the interests of humanity as this one. Let it [this challenge] therefore be fairly and candidly met..."

Elizabeth Cady Stanton and Elizabeth W. McClintock, letter to the editor of the Seneca County Courier in New York State, 1848

Using the excerpt, answer a, b, and c in a cohesive written response. Use complete sentences, a bulleted list is not acceptable.

a.) What claim do the writers make?
b.) What is one piece of evidence to support this claim?
c.) Briefly describe one purpose of the excerpt.

Prompt #2

"To win the war America freed the slave and armed him; and the threat to arm the mass of the Black workers of the Confederacy stopped the war... Most Americans used the negro to defend their own economic interests and, refusing him adequate land and real education and even common justice, deserted him shamelessly as soon as their selfish interestes were safe.

"The main question to which the Negroes returned again and again [during Reconstruction] was the problem of owning land. It was ridiculed as unreasonable and unjust to the impoverished landholders of the South, and as part of the desire for revenge which the North had... [But] again and again... [formerly enslaved people] expressed their right to the land and the deep importance of this right...

"What [White Southerners and some White Northerners] insisted on during Reconstruction was labor... Of labor for the economic benefit of the laborer.... they had no conception; and to any transfer of capital in land to the laborer... they were bitterly opposed."

W.E.B. Du Bois Black Reconstruction: An Essay Toward a History of the Part Which Black Folk Played in the Attempt to Reconstruct Democracy in America.

Using the excerpt, answer a, b, and c in a cohesive written response. Use complete sentences, a bulleted list is not acceptable.

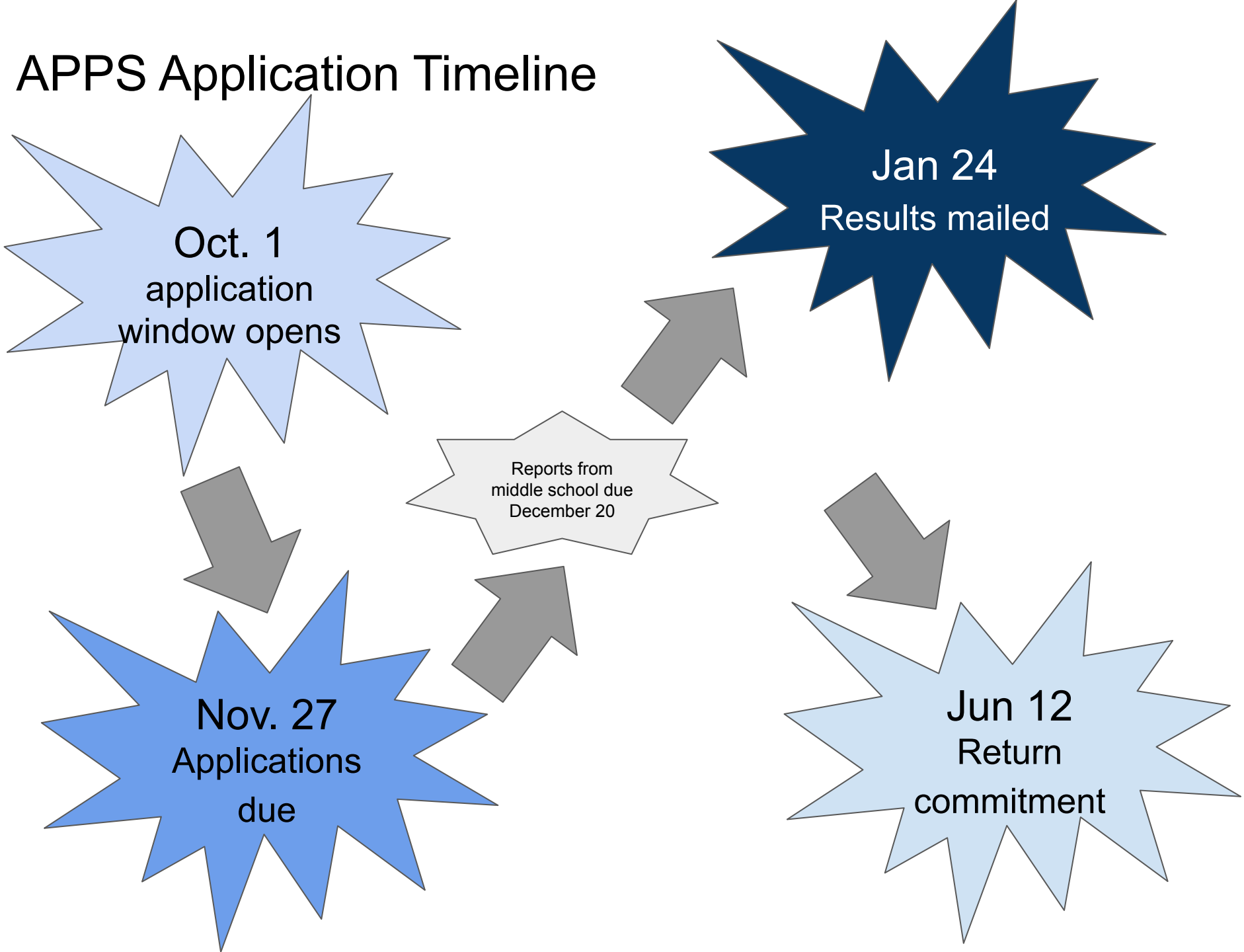
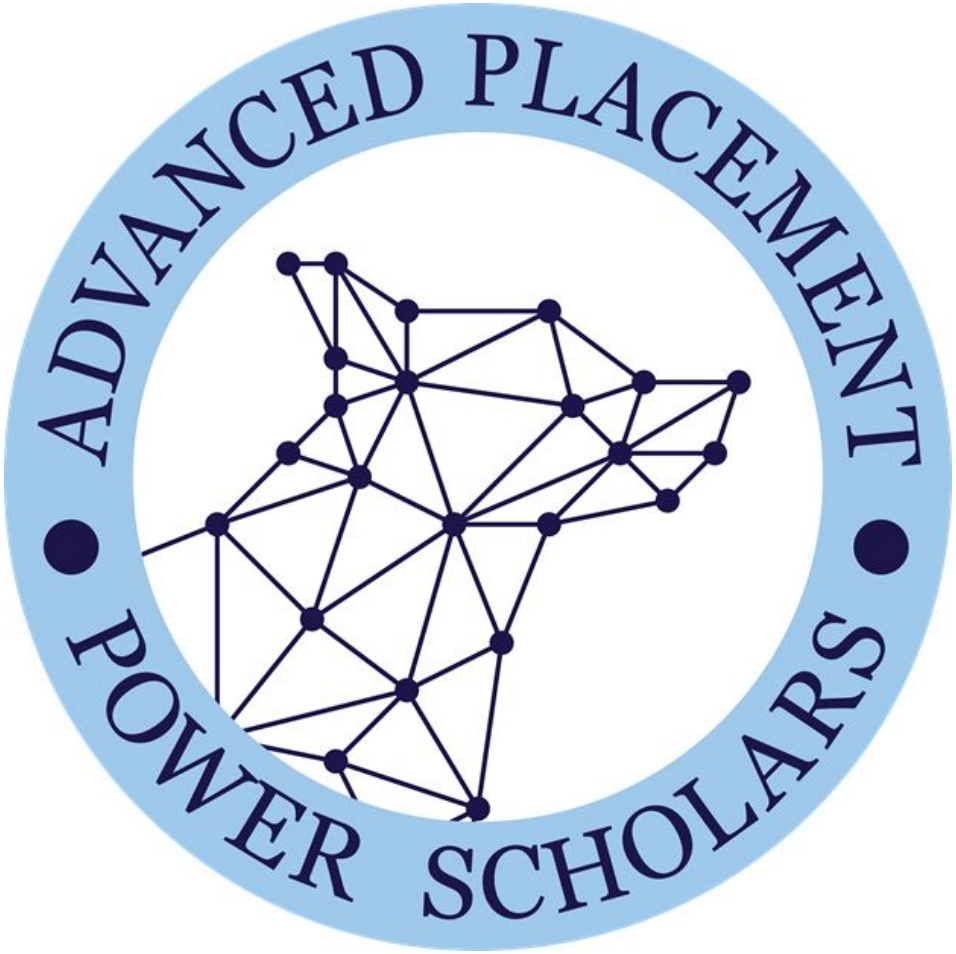
a.) What claim does W.E.B. Du Bois make?
b.) What is one piece of evidence to support this claim?
c.) Briefly describe the point of view of this excerpt

Part 5: Writing sample

Why Social Studies?

ADVANCED PLACEMENT POWER SCHOLARS

APPS Application Timeline



Questions about APPS?