



# Math, Science & Technology Center

2022-2023  
Freshman  
Schedule Card

MSTC  
Approval

Name: \_\_\_\_\_  
Last First Middle

All freshman must take English, Math, Science, Social Studies, Health & Physical Education (unless you are taking H/PE in summer school) and **one Career & Technical Education OR one Fine Arts Pathway course**. Please work with your teachers to make the appropriate choice in each area. You must choose enough electives to make a **total of 9 classes**.

AP Seminar is required for those students who have already received credit for English 1 in middle school.

AP Computer Science A is an MSTC required course. You can take this class as a freshman or choose to start with a combined Intro to Programming/AP Computer Science Principles course with the intent of taking AP Computer Science A as a sophomore. Both will fulfill the pathway requirement.

Several courses require summer assignments. Please check the Dunbar website for the assignment associated with your course(s).

Signing up for AP Seminar, AP Human Geography or AP World History requires a parent signature (below) and indicates your understanding of the rigor and requirements of the course. Signing up for an AP course is a full year commitment and schedule changes will not be allowed.

***By signing below, we indicate that we have reviewed this schedule card and options available. We agree on the choices made and recommendations from teachers. We also understand the above statement regarding AP courses and we are agreeing to the year commitment.***

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Parent Signature

**Summary of Courses: You will be taking 9 courses. Once you have marked your schedule card with your choices, please complete the information below.**

1. English (*Adv. English 1 or AP Seminar*)
2. Math (*MSTC Alg. 2 or MSTC Pre-Calc.*)
3. Science
4. Social Studies (*Adv. Government, Adv. or AP World*)
5. Health/PE OR Elective
6. CTE or Fine Arts Elective (*Intro to Prog./AP CP, AP Comp Sci A, or other*)
7. World Language
8. Elective OR Study Hall
9. Elective

\_\_\_\_\_

\_\_\_\_\_

**MSTC Chemistry**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

List 4 Alternates for Elective choices. These courses should be different from choices listed above in the summary.

1: \_\_\_\_\_

3: \_\_\_\_\_

2: \_\_\_\_\_

4: \_\_\_\_\_



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### Courses in the Math, Science, & Technology Center

Must choose one course in each of the subject areas below.

#### Science:

MSTC Chemistry 1

#### Computer Science:

You have two options within the MSTC Program to complete a Career & Technical Education Pathway while also satisfying MSTC requirements at the same time:

- Option 1: Intro to Programming/AP Computer Science Principles (combined course) → AP Computer Science A
- Option 2: AP Computer Science A → Java Programming 2 → Project-Based Programming

\_\_\_\_\_ MSTC AP Computer Science A      OR      \_\_\_\_\_ Intro to Programming/AP Computer Principles

**NOTE:** AP Computer Science A is a required course for MSTC. If you do not plan to use the above options to complete a CTE pathway, you must take MSTC AP Computer Science A. You will need to take a different pathway course as described on the next page.

#### Math:

\_\_\_\_\_ MSTC Algebra 2      OR      \_\_\_\_\_ MSTC Pre-Calculus  
\_\_\_\_\_ Advanced Geometry (If you have not taken Geometry, you must take Adv. Geometry concurrently with MSTC Algebra 2.)

### Courses in the Paul Laurence Dunbar Program

#### English:

\_\_\_\_\_ Advanced English 1      OR      \_\_\_\_\_ AP Seminar (Only students who earned HIGH SCHOOL English 1 credit in middle school)  
Parent Signature: \_\_\_\_\_

**Social Studies:** You have two options to satisfy the Social Studies required course sequence. Choose one option/course below.

#### Option 1:

\_\_\_\_\_ Adv. Government  
**OR**

#### Option 2:

\_\_\_\_\_ Adv. World History      OR      \_\_\_\_\_ AP World History \_\_\_\_\_  
Parent Signature

**World Language:** Choose One. MSTC requires completion through the **3<sup>rd</sup>** level of the same world language.

\_\_\_\_\_ French 1      \_\_\_\_\_ German 1      \_\_\_\_\_ Spanish 1  
\_\_\_\_\_ French 2      \_\_\_\_\_ German 2      \_\_\_\_\_ Spanish 2  
\_\_\_\_\_ Adv. French 3      \_\_\_\_\_ GER 201 WKU Dual Cr      \_\_\_\_\_ Adv. Spanish 3  
(Dual Credit German 3)

**Health and Physical Education:** Health and Physical Education is a graduation requirement for all students. Most students take Health & PE during the 9<sup>th</sup> grade or in summer school, however, you may also delay until the 10<sup>th</sup> grade. **Choose one option below.**

\_\_\_\_\_ I will take Health and PE at Dunbar next year during the regular school day

**OR**

\_\_\_\_\_ I will take PE in summer school and Health online

Students may elect to take PE in summer school. Exact dates and locations for summer school are not available until after spring break. If you take PE in summer school, you will need to sign up to take Health online.

Approximate cost- PE-\$160.00, Health- \$125.00.

**Registration information will be available after spring break and information will be mailed home to students who mark this choice on this schedule card.**

**OR**

\_\_\_\_\_ I wish to delay Health & PE until my sophomore year.



## Freshman elective courses

If you are not electing to use Computer Science as your pathway, you **must choose at least one course from the pathways below**. You may take more than one and you can take additional courses from these pathways even if Computer Science is your chosen pathway.

### Career & Technical Education Pathways

#### Business:

Business & Marketing Essential  
Digital Literacy \*\*

#### Engineering/RED Center:

Engineering 1

#### Family & Consumer Science:

Life Skill Essentials \*\*  
Principles of Hospitality

#### Media Arts

Introduction to Media Arts

\*\* If you completed any of these courses for HIGH SCHOOL CREDIT while in middle school, please contact Mrs. Burch, your Dunbar counselor, if you want to continue in this pathway.

### Fine Arts Pathways

#### Visual Art:

Art 1 \*\*

#### Theatre:

Acting/ Performance 1  
Theatre Design & Technology  
Musical Theatre

#### Instrumental or Vocal Music:

Concert Band (Audition required)  
Percussion (Percussionists take in place of Concert Band)  
Adv. Jazz Band (Must also enroll in Concert Band or Orchestra)  
Tenor/Bass Chorus  
Soprano/Alto Chorus  
String Orchestra (Prerequisite: participation in middle school orchestra; audition required)  
General Orchestra (little or no prior experience in orchestra)

**NOTE: Any course in the Fine Arts Pathways will satisfy the Humanities graduation requirement.**

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### Additional Electives

#### English Electives:

Creative Writing 1  
Film Studies  
Science Fiction Fantasy Film  
Sportswriting

#### Social Studies Electives:

African American Heritage  
Movies, Media, and Movements  
AP Human Geography

#### Other Electives:

Yearbook 1 (application required, application is available on the Dunbar website)  
Study Hall: MSTC Freshmen have the option to take a study hall class in place of one of their elective choices. Study Hall does not earn a credit. (909030.3992)

**If you earned HIGH SCHOOL Health/PE credit while in Middle School, these PE electives are also available for you:**

Physical Education 2

Conditioning for Women  
Controlling Stress (includes meditation and yoga)

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Name: \_\_\_\_\_  
Last First Middle

Gender: \_\_\_\_\_ Date Of Birth: \_\_\_\_\_ Ethnicity: \_\_\_\_\_

Home Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Home Phone: \_\_\_\_\_

Student Cell Phone \_\_\_\_\_

Receiving text message OK? \_\_\_\_\_yes \_\_\_\_\_no

Student email address: \_\_\_\_\_

Parent Cell Phone \_\_\_\_\_

Receiving text message OK? \_\_\_\_\_yes \_\_\_\_\_no

Parent email address: \_\_\_\_\_

Resides with: \_\_\_\_\_ mother only \_\_\_\_\_ father only  
\_\_\_\_\_ both parents \_\_\_\_\_ guardian

First and Last Names of Person(s) with whom you reside:

\_\_\_\_\_  
First Last

\_\_\_\_\_  
First Last

Mother's Name \_\_\_\_\_

Workplace \_\_\_\_\_

Daytime Phone \_\_\_\_\_

Father's Name \_\_\_\_\_

Workplace \_\_\_\_\_

Daytime Phone \_\_\_\_\_

Other Emergency Contact \_\_\_\_\_

Emergency Contact Phone \_\_\_\_\_

Current Middle School \_\_\_\_\_

High School District in which you live \_\_\_\_\_