



Academic Advising 2024-2025

LORTON STATION ELEMENTARY SCHOOL

Objectives



- ▶ Important dates
- ▶ To become familiar with the course offerings for the 2025-2026 school year
- ▶ Answer any questions

Important Dates & Events

- ▶ January 21st - February 21st Academic Advising with Ms. Baier
- ▶ **February 5th** – **Lake Braddock** Course Selection Sheet due back to Counselors
- ▶ **February 7th** – **South County** Course Selection sheet due back to Counselors
- ▶ **February 14th** - **Hayfield** Course Selection Sheets due back to Counselors
- ▶ January-February- AVID recruitment and selection (**HMS** and **LBMS**)
- ▶ May 30th - Course Selection changes due for all three schools



Core Classes

HONORS VS GENERAL EDUCATION

General Education Classes	Honors classes
Students are automatically placed in the four core classes of Math, English, Science, and Social Studies	Students and parents may select honors classes based on a student's academic strengths or interests
Will take the grade level Virginia SOL	Will take the grade level Virginia SOL (with the exception of Math 7 Honors)
Students are engaged and review material taught in the academic subject area with challenge through differentiation	Students are challenged and engaged to develop full academic potential in that subject area
Emphasis on demonstrating and developing comprehension and application skills	Emphasis on demonstrating and developing critical and creative skills
Well-timed pace of curriculum with instruction that incorporates scaffolding, review and practice	Rigorous, fast paced curriculum and instruction
All students are enrolled in core classes	Students enroll based on strength / interest / potential
Covers the basics which students require to understand the course- extensions are provided when appropriate	Increased focus on depth and complexity in specific subjects
Emphasis on development of responsibility with guidance from the teacher	Emphasis on development of emerging autonomy and independence

Math

Math 7



- ▶ This course emphasizes the foundation of Algebra
- ▶ Numbers and number sense
- ▶ Computation and estimation
- ▶ Geometry
- ▶ Measurement
- ▶ Probability and statistics
- ▶ Patterns, functions, and algebra

7th grade Mathematics Courses:

Math 7 Honors

- ▶ Open enrollment
- ▶ Math 7 Honors encompasses the Math 8 curriculum with extensions and enrichment.
- ▶ Students are expected to have mastered the Math 7 curriculum prior to enrolling in Math 7 Honors.
- ▶ Requires students to master the content assessed on the Mathematics 8 Standards of Learning (SOL) Test.

Mathematics 7 Honors (Pre-Algebra)

Students who may not have completed Advanced Mathematics 6 may need support and/or require additional effort and time to be successful.

Topics they might need assistance on include:

- ▶ Absolute value
- ▶ Square roots
- ▶ Add/subtract/multiply/ divide integers
- ▶ Solving one-step and two-step equations
- ▶ Single multi-step proportional reasoning and practical problems

Mathematics

Math varies from student to student:

- ▶ **7) Math 7 → 8) PreAlgebra or Algebra 1**
- ▶ **7) Math 7 HN → 8) Algebra or Algebra 1 HN**
- ▶ **7) Algebra 1 HN → 8) Geometry or Geometry HN**

History



U.S. History vs. U.S. History Honors

U.S History II

- ▶ American history 1865-present
- ▶ Incorporates: history, geography, civics, and economics
- ▶ The student will explain the reasons for the new increase in immigration, growth of cities, new inventions, and challenges arising from this expansion.

U.S. History Honors

- ▶ Describe the effects across time of immigration and urbanization on the U.S. and predict the future role of immigration and urbanization in American society (connections).

Science



Science vs. Science Honors

Science 7

- ▶ Builds upon experiences in the life sciences experiences dealing with cells, microscopes, the environment DNA, and current scientific issues
- ▶ Hands on investigations with live specimens and lab partners
- ▶ Collect and analyze data
- ▶ Formulate conclusions

Science Honors

- ▶ Have more background knowledge
- ▶ Are motivated
- ▶ Have good study skills
- ▶ Participate in more extension activities
- ▶ Require critical thinking skills

English



English vs. Honors English

English 7

- ▶ Determine a theme and analyze its development over the course of a text.

English 7 Honors

- ▶ Generate other themes that pertain to the same concept (connections).
- ▶ Advanced reading and rigorous text
- ▶ Problem based learning

AA students

- ▶ For students attending **LBMS** and **SCMS**
- ▶ The expectation is to take all Honors classes with the AA
- ▶ The only exceptions is Math: Students can continue with Math 7 HN (8th grade math) or they can take Math 7 (which is the math they are currently learning)
 - ▶ Depending on IOWA test results, if scored a 91% and 500 or above on math SOL they can be placed in Algebra 1 HN

Class Selections

CLASSES

- 5 required classes:
 - English/English HN
 - US History/US History HN
 - Science/Science HN
 - Math/Math 7 HN
 - Health & PE
- 2 periods of Electives:
 - 2 Year long electives - OR - 1 Year long elective and 2 half year electives - OR - 4 half year electives



Full Year Electives

Year Long World Languages



- ▶ For rising 7th graders: It's important to note that all World Languages are truly academic classes that will require work away from school (Studying, practicing, and Memorizing)
- ▶ Possibly 20-30 mins of homework to dedicate to learning/ memorizing words and conjugations
- ▶ Not ideal for students to struggle with memorization, missing school, lack motivation, or earns 1 and 2 in school.
- ▶ Is considered a high school credit course

Year Long World Languages

- ▶ Spanish: All Three middle schools
 - Spanish 1 (LBMS and SCMS): Beginning Class for basic words and skills
 - Spanish 1 Part A (HMS and SCMS): Beginning class with a focus on first two semester of Part 1
 - Spanish for Heritage Speakers (LBMS and HMS): Intermediate class for Native speakers
- ▶ French: All Three middle schools
 - French 1 Part A (HMS and SCMS): Beginning class with a focus on first two semester of Part 1
 - French 1 (LBMS) Beginning Class for basic words and skills

Year Long World Language

- ▶ Japanese (LBMS and HMS)
 - Japanese 1 (LBMS): Beginning class for basic words and skills
 - Japanese Part 1 A (HMS): Beginning class with a focus on first two semester of Part 1
- ▶ Latin (LBMS and HMS)
 - Latin 1: Beginning class with a focus on first two semester of Part 1
- ▶ Korean (LMBS): Korean 1 and Korean for Heritage Speakers
- ▶ Arabic (HMS): Arabic 1 part A

Performing Arts Full Year Electives



- ▶ Band : Beginning, Intermediate, Advanced, Ensemble
- ▶ Orchestra: Beginning, Intermediate, Advanced
- ▶ Guitar (only SCMS and LBMS)
- ▶ Chorus: Different types and level vary by Middle School
- ▶ Theatre: Theatre arts appreciation (HMS and LBMS)
- ▶ Piano Lab (LBMS)
- ▶ Yearbook (LBMS and HMS)

AVID



AVID (HMS and LBMS)

- ▶ A college-readiness program
- ▶ Elective program to support students who are in the academic middle
- ▶ Paves way to college of their choice
- ▶ Increases ability to take and complete rigorous courses
- ▶ Strives for successful completion of a 4 year college or university

What to expect in the AVID classroom

- ▶ Reading and writing curriculum
- ▶ Trained tutors
- ▶ Team building activities
- ▶ Develop organizational skills and study strategies
- ▶ Guest speakers/field trips/career center visits
- ▶ Field trip to a college campus

AVID profile



- ▶ May be the first member of family to go to college
- ▶ Average grade but capable of performing in honors classes with AVID support
- ▶ Motivated and positive role model in the classroom

Semester/Half Year Electives

Semester/Half Year Electives

- ▶ FACS: Cooking, sewing, and life skills
- ▶ Art foundations: General Art class similar to their current Art class
- ▶ 3D Art exploration: Art class that incorporates clay, paper mache, and more*
- ▶ Computers in Art: Art and animation done on a computer *
- ▶ Engineering 1: Design and Modeling
- ▶ Engineering 2: Simulation and Fabrication
- ▶ Theatre Art appreciation
- ▶ Technical Theatre
- ▶ Creative writing

Semester/half year electives



- ▶ Computer solutions
- ▶ Coding*
- ▶ STEM solutions (LBMS) Record and analyze data from professional STEM-related challenges.
- ▶ Media Communications (LBMS SCMS): news show
- ▶ Piano Lab LBMS

Choosing Electives

- ▶ **HMS** students will rank Year and Semester Electives 1-10
 - ▶ 1-being their top choice
 - ▶ 10 being their least favorite
- ▶ **LBMS** and **SCMS** Students will need to rank Semester electives
 - ▶ 1- being their top
 - ▶ 15/18 being their least favorite
 - ▶ Only Select year long elective if it is a top choice!!!

The first few electives chosen should be in one of these orders:
2 Year Long or 1 Year long and 2 semester or 4 semester

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Questions



Contact Info

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