



Key Middle School Level IV Advanced Academics (Honors) Updated 12/21



Why come to your community middle school?

- Attend school with community students who will attend same high school and live in your neighborhood
- “Shorter” commute to school
- Key MS offers Level IV services through our HONORS program by taking 4 Honors (we call it Honors rather than Advanced Academics)

What schools feed into Key MS/Lewis HS?

- Crestwood ES (Local Level IV)
- Forestdale ES
- Garfield ES
- Lynbrook ES
- Rolling Valley ES (partial)
- Saratoga ES (AAP Center-Lorton Station ES)
- Springfield Estates ES (AAP Center)

Why come to Key MS?

- Smallest middle school in FCPS; your child will be known, loved, and challenged!
- Level IV students clustered in core classes (@6-8 students) as per the research around intellectual peer group best-practice recommendations
- Single feeder to Lewis HS (along with Thomas Jefferson High School for Science and Technology)

Why come to Key MS?

- **IBMYP Reauthorized School! (Spring 2021!)** focused on inquiry-based learning and focus on building the IB learner profile traits in all students!
- **AVID Program** - to support student success, build leadership and develop college/career aspirations
- **One of the most ethnically diverse middle schools in FCPS; this allows for diversity of thought and perspective**
- **Advanced Academics Resource Teacher - Laura Migdal** - one of the only Middle School AARTS in FCPS!

Why come to Key MS?

- Award-winning staff:
 - Pyramid New Teacher of the Year (2021);
 - Library Innovation Award (2019);
 - Region 3 Support Employee of the Year Parent Liaison (2019);
 - National Board Certified Teachers
 - Laura Migdal & Nancy Batchelder
 - Advanced Academics Certified Staff
 - Theresa Cover, Marissa Petty, Doreen Walter, Patty Waters, Laura Migdal
- **Special Events such as the Battle of the Books Program, Books and Bites, Virtual Career Day, Scripps National Spelling Bee event**
- IBMYP Coordinator and Advanced Academics Teacher Coaches!

Why come to Key MS?

- **Robust Patriot Pride Afterschool Program!**

Robotics Club

Dissection Connection Club

Voices of Now - the Arena Stage

Maker Space Club

NJHS/SCA

Kindness Club

Sports Clubs

Band Of Brothers

Key Equity Club

Art Club

Theatre Arts Club

Dungeons and Dragons Club

AND MORE! WE are always growing and evolving!

Why come to Key MS?

- **Student Leadership: NJHS, SCA, Student Equity Team, Band of Brothers, AVID Program**
- **Special Events/Recent History: Senator Tim Kaine Visit, Author Alan Gratz visit, Meet the Author with Barbara Dees book talk on Apple 21, Student Voice Town Hall against Racism, Patriot Helping Games, Schoolwide Reading Rally**

We are an IB World School



- **International mindedness**
- **Global citizenship**
- **Interdisciplinary teaching & learning**
- **Service**
- **Social justice**

IBMYP Creates Lifelong Learners

As our students learn to become lifelong learners, we focus on developing 10 key attributes we call the **Learner Profile**:



Inquirers

Open-Minded

Knowledgeable

Caring

Thinkers

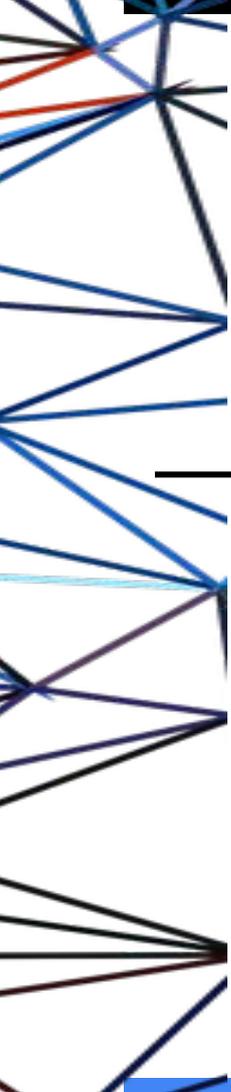
Risk-Takers

Communicators

Balanced

Principled

Reflective



Academic Rigor at Key MS

- **Added Depth and complexity as a result of faster pacing**
- **Enhanced focus on personalized, inquiry-based learning**
- **Extended concept-based teaching/learning**
- **Real World Learning and Application**
- **21st Century Skill Building in Students (POG) - IB Learner Profile**
- **Same FCPS STANDARDS as Advanced Academics Centers**

English 7 HONORS

In FCPS, honors students explore the content with more depth and complexity.

- Writing focus on analyzing and synthesizing ideas.
- Choice of grade level and above grade level novel/stories
- Extensions: More discussion and in-depth analysis of the impact of a text.



English 7 Units of Study



In 7th grade English, we empower students to read, write, and discuss in order to improve their ability to communicate their beliefs and connect with the world.

What We Learn

Unit Title	Unit Assessment(s)	Unit Objective
<i>Exploring our Identity</i>	<ul style="list-style-type: none">• Narrative Story	Students will explore their emerging identities through reading and writing stories.
<i>The Power of Perspective</i>	<ul style="list-style-type: none">• Persuasive Speech• Visual presentation	Students will research different problems facing teens today and use their research to suggest a solution in a persuasive presentation..
<i>Communication as a Solution</i>	<ul style="list-style-type: none">• Greeting Cards• Poem and Story Analysis	Students will analyze how figurative language and other poetic elements can help them write and create healing messages.
<i>Positive Personal Expression</i>	<ul style="list-style-type: none">• Time Capsule Project• Creative writing reflections	Students will review and revise their favorite writing from throughout the year, and they will compile it to create a time capsule to capture memories from 7th grade.

Math 7 HONORS

Math 7 Honors will SKIP all of the Grade 7 Curriculum and learn Grade 8 Pre-Algebra Curriculum. Students take Pre-Algebra 8 SOL at the end of the year.

In Math 7 Honors you can expect, that you will...

- Properties of Real Numbers
- Linear Functions
- Equations and Inequalities
- Geometric Measurement
- Statistical Data
- Additional extensions and enrichment based on Pre-Algebra Curriculum- Assumption of mastery of Grade 7 Standards



Algebra/Algebra **Honors** Units of Study



What We Learn

- Expressions and Operations (Exponents, Radicals, Polynomials)
- Equations and Inequalities
 - One Variable and Systems with Two Variables
- Linear and Quadratic Functions
- Statistics (Lines of Best Fit and Best Curve)
- Additional extensions & enrichment in Algebra I Honors
- Students take the EOC Algebra 1 SOL at the end of the year

Geometry Honors Units of Study

What We Learn

- Reasoning, Lines and Transformations
- Triangles
- Polygons and Circles
- Three-Dimensional Figures
- Additional extensions & enrichment in Geometry Honors
- Successful completion of Algebra 1 in order to enroll
- Students take the EOC Geometry SOL at the end of the year



History 7 HONORS

Students “Think like Historians” by

- Exploring primary and secondary sources to understand the variety of perspectives that shape the story of our nation
- Participate in structured academic conversations
- Make connections across time to better understand current events
- Read historical fiction that connects with content.



History 7 Units of Study



In 7th Grade US History, we build critical thinking skills that support the needs of life-long learners.

What We Learn

- Reconstruction
- Westward Movement
- Industrialization
- Immigration/Urbanization
- Progressive Movement
- Spanish American War
- World War I
- Early 1900s Culture
- Great Depression
- World War II
- Cold War
- Post War Culture
- Civil Rights Movement
- Globalization

Science 7 HONORS

Our scientists engaged with a concept-based curriculum. It is aligned to enduring understandings, concepts, and transferable skills so that students move beyond a focus on facts, co-construct deeper meaning of their learning, and develop authentic connections to the world around them.

We provide independent and collaborative learning opportunities that enable students to construct their own knowledge through inquiry and discovery. Students will be engaged in higher level thinking throughout each learning experience.



Science 7 Units of Study



All units of study provide multiple pathways of learning.

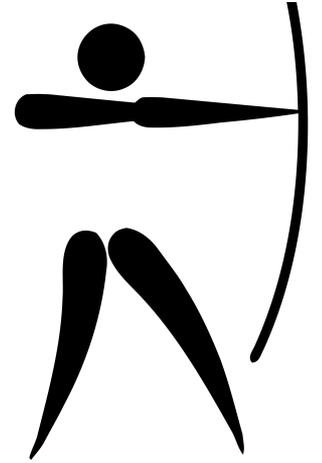
What We Learn

- Cellular structure and function
 - The Cell Theory
 - Cell structure and organelles
 - Mitosis
- Heredity and Diversity
 - Structure of DNA
 - Punnett Squares
 - Natural Selection
- Populations and Ecosystems
 - Biomes
 - Levels of ecological organization
 - Food webs, energy pyramid
 - Energy transfer: photosynthesis and cellular respiration
 - Ecological relationships: symbiotic relationships.

Health and Physical Education

We are devoted to instilling in our students the value of a sound mind in a healthy body by providing the essential knowledge and skills needed for living an active and health lifestyle.

Incorporating IBMYP projects into our Health & PE units allow students to learn to appreciate and respect the ideas of others, develop effective collaboration and communication skills, and build positive interpersonal relationships in order to develop a sense of social responsibility.



Health and Physical Education 7 Units of Study

In Health and Physical Education students and teachers partner in the pursuit of individual, school, and community physical, emotional, and social health, well-being, and safety.

What We Learn

Physical Education Units

**Fitness, Dance,
Soccer, Ultimate Frisbee
Archery, Floor Hockey,
Handball**

Health Units

**Injury & Violence Prevention
Alcohol, Tobacco & Other Drugs
Personal & Community Health
Emotional & Social Health
Family Life Education (FLE)**

What happens when students move to high school?

All students who live within the Key MS boundaries will be assigned to Lewis High School or Thomas Jefferson High School for Science and Technology, if admitted.

In high school, there are no eligibility requirements for HONORS, Advanced Placement (AP), or International Baccalaureate (IB) classes.

All students at Lewis HS have options to pursue Advanced Placement (AP) classes, the IB Diploma Program or the IB Career Program of International Baccalaureate (IB).

Next Steps

- We want all students who live in the Key MS boundary to come to our amazing school!
- What else might you need to help you determine if Key MS Honors Program might be the best fit/match for your child?
- To select Key MS as your child's school, simply email Principal Holleb. This email will then serve as the record of your decision. ajholleb@fcps.edu
- Coming soon - info night (virtual) about Key MS Advanced Academics

Key MS Contacts

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Key MS School Counselors

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FCPS Resources

- Beth Baldwin, FCPS Advanced Academics embaldwin@fcps.edu
- Daina Lieberman, FCPS IBMYP dsliberman@fcps.edu
- FCPS Advanced Academics: click [here](#)
- FCPS IBMYP: click [here](#)
- John R. Lewis HS IB Program: click [here](#)
- Key MS Website: click [here](#)
- Follow Principal Holleb on Twitter (@3 tweets a day!) @PrincipalKeyMS