Assignment #1: School Analysis & Curriculum Chart

Brianna Gibson

Professor Mona Kerby

SLM506: Collection Development

April 2, 2023

Table of Contents

School Analysis: Elkridge Landing Middle School

Community

Elkridge Landing Middle School (ELMS) is in Elkridge, Maryland, a suburban area of Howard County. It is an older, unincorporated community with history that spans back to the 1600s. Elkridge was Maryland's first railroad commuter suburb and is within 10 miles of downtown Baltimore City. According to the 2010 census, the population was 15,593 and it continues to grow as developers build new communities within its borders. Around 7% of the population lives in poverty and the median household income in 2021 was $119,856. Twenty-three percent of Elkridge's population was born in another country and 25.9% speak a language other than English at home.
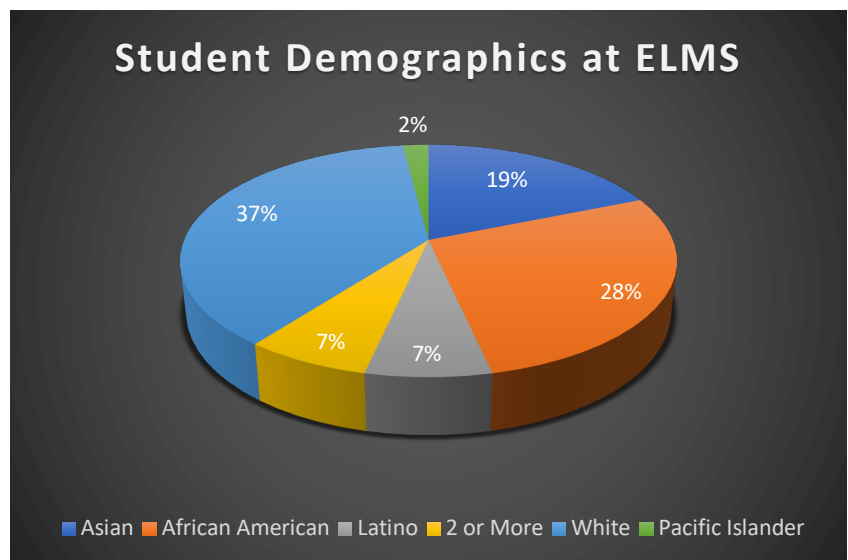
School

ELMS has about 687 students and 77 teachers. The school is a Positive Behavior Intervention System (PBIS) Gold Award recipient with the distinction of having the second highest student participation in the Howard Country Library System Summer Reading Club. ELMS has consistently improved MCAP scores in small increments, though mathematics is still an area for growth. For the 2021-22 school year, 29% of students were proficient in Mathematics while 59% were proficient in English Language Arts. The school improvement plan has selected African American males as the target group for achievement growth, with emphasis on both math and literacy goals for the entire school population.

The demographics of the student population is diverse and has been shifting away from homogeneous representation over the past 20 years. As of 2022:

- 22.4% of the student population are FARMS (Free and Reduced Meals Students)
- 11.3% of the student population receive Special Education services, and
- ≤5% of the student population are English Language Learners.

There is no racial majority at ELMS. The English Language Learner population is slowly growing, but the high mobility of the

Student Demographics at ELMS

Asian 19%, African American 28%, Latino 7%, 2 or More 7%, White 37%, Pacific Islander 2%

population keeps the number low compared to other schools in the area. ELMS has a diverse cultural background as well, with students representing various global cultures and religions. Students engage in extracurricular activities to celebrate cultures in the forms of African American History seminar and World Heritage Night.

Library

The media center is staffed with a media specialist and a media assistant. There are currently 9,187 items in the library's collection with an approximate average of 13 items per student. The average year of publication for the entire collection

ELMS LIBRARY MEDIA BUDGETS 2022-23		
Book	**Supply**	**Instructional Tech**
For books only.	*Any materials for Media*	*Technology subscriptions*
$3,683	**$2,537**	**$751**

is 2004. Including renewals, there were 2,905 transactions from August 1, 2022 to March 21, 2023. The ELMS book budget for the 2022-2023 school year was $3,683. Additional budgets for supplies and technology are also included to cover costs associated with other non-book-specific purchases like educational technology subscription and audio/visual materials.

Category/ Classification	Average Year (Pub 1900 or later)	Total Circulation	% of Holdings
000-099	2007	10	1.31%
100-199	2008	7	0.73%
200-299	1996	1	0.82%
300-399	2007	24	5.95%
400-499	1992	8	0.35%
500-599	2004	40	6.49%
600-699	2008	47	5.28%
700-799	2003	718	12.22%
800-899	1998	7	1.74%
900-999	2003	126	13.00%
Fiction	2011	1,616	37%
Graphic Novels	2013	902	8%
Nonfiction	2004	356	46%

The condition of the collection is very good. Books are checked upon return and repairs are conducted as necessary before returning titles to shelves. Students handle materials with care and return items in a similar condition from when they checked out. Various sections are weeded on a regular basis to keep the collection current with titles students want to check out. The updating of the average age of the collection is an ongoing project. The media specialist replaces the fiction and graphic novel sections on a yearly schedule and rotates through the nonfiction sections each year to weed and purchase updated materials.

Students are checking out the graphic novels—now designated with its own section of the school library per recent HCPSS directive. The media center has reduced the reference section and supplanted the space with graphic novels. Most reference materials are now online.

English Language Arts is the only subject that uses the media center space with various classes using the space 2-3 per week for lessons and book check out, however it is not consistent across all grade levels. Use of the media center during lunch shifts and homeroom has dropped compared to past years, but this could be due to missed opportunities to reinforce availability to the current sixth grade class. There is a missed opportunity for students to have regular, on-going access to the media center throughout the year now that it is no longer mandatory for core classes to bring their classes in for lessons once a quarter.

Current Librarian Collection Goals:
- Continue to build the collection to reflect the diverse needs and interests of the student population.
- Maintain the age of nonfiction resources to ensure the currency of topics/information.
- Find current science titles for the middle school level to round out STEM offerings.

Learner Characteristics	Learning Needs
There is no racial majority in the school building.	Materials must continue to represent the different aspects of the student population.
Graphic novels are the second highest circulation category.	More high interest graphic novels that span reading levels and topics. Graphic novels currently account for 8% of the collection, but 30% of total circulation.
Nonfiction represents the third highest circulation category.	Nonfiction section needs newer, high-interest titles to increase the average year of publication.
50% of students are proficient in science.	Increase the quantity and quality of STEM resources.
Circulation from the 900s represents almost 50% of the nonfiction transactions (not including graphic novels).	Social Studies projects like National History Day, as well as student interest in researching about their own and other cultures, impact the popularity of the materials in the 900s.

Strategies to Improve Library Service:
- The media specialist discussed the need to locate more science titles to enhance science offerings. Currently, it is difficult to find quality, current science titles that are appropriate for the middle school level. This may also help bolster performance on the science state tests as student interest and proficiency increases.
- Increase the size of the graphic novel section in the collection and seek out additional high-interest, age-appropriate titles for the media center. The circulation of the graphic novel section does not match the size of the current offerings.
- Continue to weed older, less circulated titles in the fiction section and supplement with newer titles of cultural and identifying interest to the student population. While certain ethnic groups do not check out titles regarding their own culture, many students tend to check out books about cultures/lifestyles other than their own. Representation is important.

Curriculum Map

6th Grade

ELA 6/ELA 6 GT
Courage
Coming of Age
Multiple Perspectives

INTRO TO READER'S & WRITER'S WORKSHOP
The Reading & Writing Community (Reading for Pleasure)
The Writing Process
Personal Narrative

DIGITAL CITIZENSHIP
Digital Footprint
Social Network & Communications
Security & Privacy
Credit & Copyright
Evaluating Websites

MATH 6
Area & Surface Area
Introducing Ratios
Unit Rates & Percentages
Dividing Fractions
Expressions & Equations

FAMILY & CONSUMER SCIENCES
Family Units
Roles & Responsibilities in Families & Communities
Effective Communication & Conflict Resolution
Kitchen Safety
Recipes & Measuring
Nutrition

SCIENCE I/SCIENCE I GT: EARTH SCIENCE
Everchanging Earth
Weather Watch
Astronomy

GEOGRAPHY & WORLD CULTURES 6/ GEOGRAPHY & WORLD CULTURES 6 GT
Our Earth
The Middle East
Africa
Asia

THEATER ARTS 6
Pantomime
Voice Acting
Parts of the Stage/Blocking
Scene Work: Physicality

PRE-ALGEBRA GT
Dilations, Similarities, & Congruence
Applying Percentages
Representing Proportional Relationships & Slope
Linear Equations & Linear Systems
Probability & Sampling

VISUAL ARTS
Drawing: Creating the Illusion of Depth
Painting: Color Theory
Printmaking: Reliefs
Alternative or Mixed Media: Layering and Combining Materials to Create Art
Digital Media: Digitally Combine/Manipulate Text and Images to Present Ideas/Viewpoints

7th Grade

ELA 7/ELA 7 GT
Sharing Our Stories
Facing Injustice
Perseverance

MATH 7
Scale Drawings
Measuring Circles
Proportional Relationships & Percentages
Expressions, Equations, and Inequalities
Angles, Triangles, and Prisms
Probability & Sampling

ALGEBRA I GT
One-Variable Statistics
Linear Equations, Inequalities, & Systems
Two-Variable Statistics
Functions
Introduction to Exponential Functions
Introduction to Quadratic Functions
Quadratic Equations

FINANCIAL LITERACY
Income: taxes, payroll deduction
Saving, Investment, and Risk Management
Debit & Credit
Budgeting

STUDIO A
Drawing: Outlining Forms & Exploring Inner Structure
Painting: Tints and Shades
Sculpture & Craft: Sculptures Implying Movement
Printmaking: Translating Images to Create Series of Prints
Alternative & Mixed Media: Use of Everyday Items/Images to Solve Design Problems & Communicate Ideas/Messages
Digital Media: Improving & Refining Media Artworks to Intentionally Emphasize Particular Expressive Elements

SCIENCE II/SCIENCE II GT: LIFE SCIENCE
Living Together
Good Friends & Germs
Genetics

GEOGRAPHY & WORLD CULTURES 7/GEOGRAPHY & WORLD CULTURES 7 GT
European Geography & Ancient History
European Geography, Modern History, & Contemporary Issues
Latin America
The United States & Canada

THEATER ARTS 7/8
Pantomime
Greek Theater History
Voice Acting
Reading Plays
Costume Design
Improvisation
Parts of the Stage/Blocking

FRENCH I & SPANISH I
Vocabulary & Grammar
Greetings
Numbers, Alphabet
Classroom Objects
Family Members
Food
Weather
Time

8th Grade

ELA 8/ELA 8 GT
Exploring the Unknown
Freedom
Love & Friendship

MATH 8
Dilations, Similarities, & Introducing Slope
Linear Equations & Linear Systems
Functions & Volume
Associations in Data
Pythagorean Theorem & Irrational Numbers

ALGEBRA I
One-Variable Statistics
Linear Equations, Inequalities, & Systems
Two-Variable Statistics
Functions
Introduction to Exponential Functions
Introduction to Quadratic Functions
Quadratic Equations

CAREERS
Self-Awareness: Aptitudes, Abilities, Values, Personality Types, Workplace Skills
MD Career Clusters
High School Preparedness & Planning
College Types and Majors
Financing College (State vs Private)
Alternatives To College (Military and Trade Schools)
Entering the Work Force: Resume Writing & Interview Questions

STUDIO B
Drawing: Using Line Weight, Pressure, & Speed to Communicate Ideas
Painting: Using Color Schemes to Unify Composition
Sculpture & Craft: Positive & Negative Space to Create Visual Movement in Sculpture
Printmaking: Alternative Printmaking Processes
Alternative/Mixed Media: Altering Existing Images/Objects to Change Meaning
Digital Media: Combining Analog & Digital Media

SCIENCE III/SCIENCE III GT: PHYSICAL SCIENCE
Contact Forces
Sound Waves
Forces at a Distance
Chemical Reactions & Energy

GEOMETRY GT
Congruence
Similarity
Right Triangle Trigonometry
Solid Geometry
Circles
Conditional Probability

UNITED STATES HISTORY 8/UNITED STATE HISTORY GT
Colonization & Revolution (1607-1783)
A New Nation (1776-1825)
Expansion & Division (1820-1864)
The Reconstructed Nation (1865-1896)

THEATER ARTS 8
Pantomime
Greek Theater History
Voice Acting
Reading Plays
Costume Design
Improvisation
Parts of the Stage/Blocking

FRENCH II & SPANISH II
Vocabulary & Grammar
Introductions
Activities
Computer Lingo
School Places & Events
Routines

GENERAL MUSIC 6-8
Guitar • Piano • World Music Drumming • Music Technology • Cultural Differences & Styles of Music • Music Composition

CONCERT CHOIR 6/7 | CHAMBER CHOIR 7/8
Composition and Improvisation • Folk Songs • Musical Notation • Rhythmic & Melodic Patterns • Repertoire Creation • Reading Music • Breathing Control

ORCHESTRA III | ORCHESTRA IV
Instrument Care • Bowing & Articulation • Tone Production • Finger Patterns & Scales • Intonation & Tuning • Rhythm & Meter • Reading Music • Interpretation & Expression of Music • Musical Terms • Repertoire Development

HEALTH 6-8
Health Skills • Substance Abuse Prevention • Personal Health & Disease Prevention • Safety & Violence Prevention • Social & Emotional Health • Sexual Health

BAND III | BAND IV
Musical Terms • Scales & Signatures • Rhythm & Meter • Reading Music • Expression of Music • Intonation of Music • Repertoire Development

TECHNICAL EDUCATION 6-8
Computational Thinking • Future Computational Thinking • Engineering Design Process • History of Inventions • Innovation & Design • How Systems Work • System Interactions

Physical Education 6
Developing Skills to Play Game/Activity

Physical Education 7
Learning Skills & Rules of the Game/Activity

Physical Education 8
Application of Skills: Playing the Game/Activity

Curriculum Map Reflection

Curriculum information for the different course offerings at ELMS can be found through the HCPSS learning management system (LMS) Canvas. The information for Math, English Language Arts, Health Education, Science, and Social Studies curriculums were easy to find in Canvas since each of the secondary offices have comprehensive pages with standards, topics, and essential questions. It was a little more challenging to find information for the other subjects since there didn't seem to be any information in the LMS, but after seeking out teachers in the building, I realized that there are some subjects that are Prek-12 departments. The music teacher Virginia Moses brought this to my attention, and it was easy to find curriculum information after the discovery. I did still need to speak with some teachers (ex. the PE teacher Mrs. Fastovsky) to understand what I was reading in the curriculum documents. Despite the challenge of searching across the various LMS pages for information, the biggest obstacle was trying to fit so many courses—many of which spanned more than one grade level—onto a single page.

One significant thing that I learned when putting together the curriculum map is that many of the courses that are offered throughout middle school like Health and PE have curriculums that build on previous years so that the experience differs each year for students. I had always wondered how students could take the same course each year and—in the case of PE—several times a year, and discovered that while the topics remain the same, the skill work will change. Many of the new courses this year reflect the shift towards more Fine Arts offerings at the middle school level. Courses for 8th grade students who had taken 7/8 courses in 7th grade were implemented for the 2022-23 school year to meet the new need.

The curriculum map meets ELMS' needs because it can be used to see topics that students and staff will search for when completing and designing assignments. Similarities across subjects allow for discussions with different teachers about collaboration possibilities. It can also be used to design informed displays in and around the media center to highlight curriculum topics, which will assist as students working on assignments to cultivate their development. Use of the curriculum map in conjunction with circulation data will help the media specialist make informed decisions about how to weed and purchase materials for the media center. Titles that correspond with curricular topics would be better candidates for purchase and updating so that relevant resources are available to staff and students. The map can help identify holes in the collection where additional or updated materials will increase patron usage and student academic growth.

Works Cited

Career and Technical Education. "Career and Technical Education Community Homepage." *Canvas*, HCPSS.

hcpss.instructure.com/courses/369.

Fastovsky, Shayna. Personal interview. 28 March 2023.

Fine Arts. "PreK-12 Visual Arts Community." *Canvas,* HCPSS. hcpss.instructure.com/courses/370.

---. "Theater Community Homepage." *Canvas*, HCPSS. hcpss.instructure.com/courses/9374.

HCPSS. "Elkridge Landing Middle School Profile." www.hcpss.org/f/schools/profiles/prof_ms_elkridgelanding.pdf.

Library Solutions. "LS2 Reports." hcpss.tlcdelivers.com:8480/ls2reports/bi/?perspective=home.

Moses, Virginia. Personal interview. 28 March 2023.

MSDE. "Elkridge Landing Middle." 2023. reportcard.msde.maryland.gov/Graphs/#/AtaGlance/Index/3/17/6/13/0106/2022.

Music. "PreK-12 Music Community." *Canvas*, HCPSS. hcpss.instructure.com/courses/371.

Physical Education. "Physical Education Learning Community." *Canvas*, HCPSS. hcpss.instructure.com/courses/352.

Secondary Health Education. "Secondary Health Education Community Homepage." *Canvas*, HCPSS.

hcpss.instructure.com/courses/351.

Secondary Language Arts. "Secondary Language Arts Community Homepage." *Canvas*, HCPSS.

hcpss.instructure.com/courses/348.

Secondary Mathematics. "Secondary Mathematics Learning Community Homepage." *Canvas*, HCPSS.

hcpss.instructure.com/courses/347.

Secondary Science. "Secondary Science Community Homepage." *Canvas*, HCPSS. hcpss.instructure.com/courses/346.

Secondary Social Studies. "Secondary Social Studies Community Homepage." *Canvas,* HCPSS. hcpss.instructure.com/courses/341.

Sheibley, Kimberly. Personal interview. 31 March 2023.

Taylor, Scott. Personal interview. 23 March 2023.

United States Census Bureau. "Quick Facts Elkridge CPD, MD." Census.gov.

www.census.gov/quickfacts/fact/table/elkridgecdpmaryland/PST045221#PST045221.

World Languages. "PreK-12 World Languages Community." *Canvas*, HCPSS. hcpss.instructure.com/courses/367.