Bedford Public Schools' Libraries

School Committee Presentation - February 11, 2020

Personnel

- 4 full time librarians and 4 library assistants
 - -Jeremy Royds, Davis School Librarian
 - -Linda Coviello, Lane School Librarian
 - -Lynda McGraw, JGMS Librarian
 - -Christy Walker Magoon, High School Librarian

Schedules

- Davis and Lane Schools
 - Davis: 29 classes a week, 40/45 minute classes
 - Lane: 27 classes a week, 45 minute classes
- JGMS
 - No assigned classes
 - Design Lab 1 period within a six day cycle
- High School
 - No assigned classes





2016 Massachusetts Digital Literacy and Computer Science (DLCS) Curriculum Framework Overview

Technology and Library Media Department's work is guided by the Massachusetts Digital Literacy and Computer Science Frameworks.

DESE's Vision – To engage students in digital literacy and computer science skills and concepts through the integration of practices, while making connections to what they know and the world they live in.

Framework designed to:

- Integrate practices necessary for success in a technological world
- Present coherent progression of core concepts and practices from K–12
- Complement other Massachusetts Curriculum Frameworks
 - Overlap with standards from other academic disciplines
 - Integrate core concepts and practices across the curriculum

2016 Massachusetts Digital Literacy and Computer Science (DLCS) Curriculum Framework - Strands

Computing and Society (*Digital Citizenship*)

• Principles of privacy, ethics, security, and copyright law influence digital safety and security, as well as interpersonal and societal relations.

Digital Tools and Collaboration (*Digital Literacy*)

• Digital tools are critical for conducting research, communicating, collaborating, and creating in social, work, and personal environments.

Computing Systems (Digital Literacy, Coding, Engineering Design)

• Computer systems empower people to create, collaborate, and learn via human computer partnerships. The design of many computing systems empowers people to debug, extend and create new systems.

Computational Thinking (Digital Literacy, Coding, Engineering Design)

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• Computational thinking is a problem-solving process that requires people to think in new ways to enable effective use of computing to solve problems and create solutions.



American Association of School Librarians

TRANSFORMING LEARNING



An Overview of the AASL National School Library Standards

The AASL National School Library Standards encourage learners to:



INQUIRE

- Formulate questions
- Seek knowledge
- Connect to prior knowledge
- Use evidence
- Plan an investigation
- Share knowledge
- Provide feedback
- Make informed decisions



INCLUDE

- Interact with others
- Engage in discussion and debate
- Consider multiple viewpoints
- Analyze point of view
- Reflect on own perspective
- Recognize contributions of others



COLLABORATE

- Involve diverse perspectives
- Solicit feedback from others
- Participate in discussions
- Solve problems as a group
- Learn from others
- Connect to shared knowledge



CURATE

- Gather information
- Determine need for information
- Choose sources carefully
- Use a variety of sources
- Question the accuracy of info
- Organize information
- Reflect on resources and research



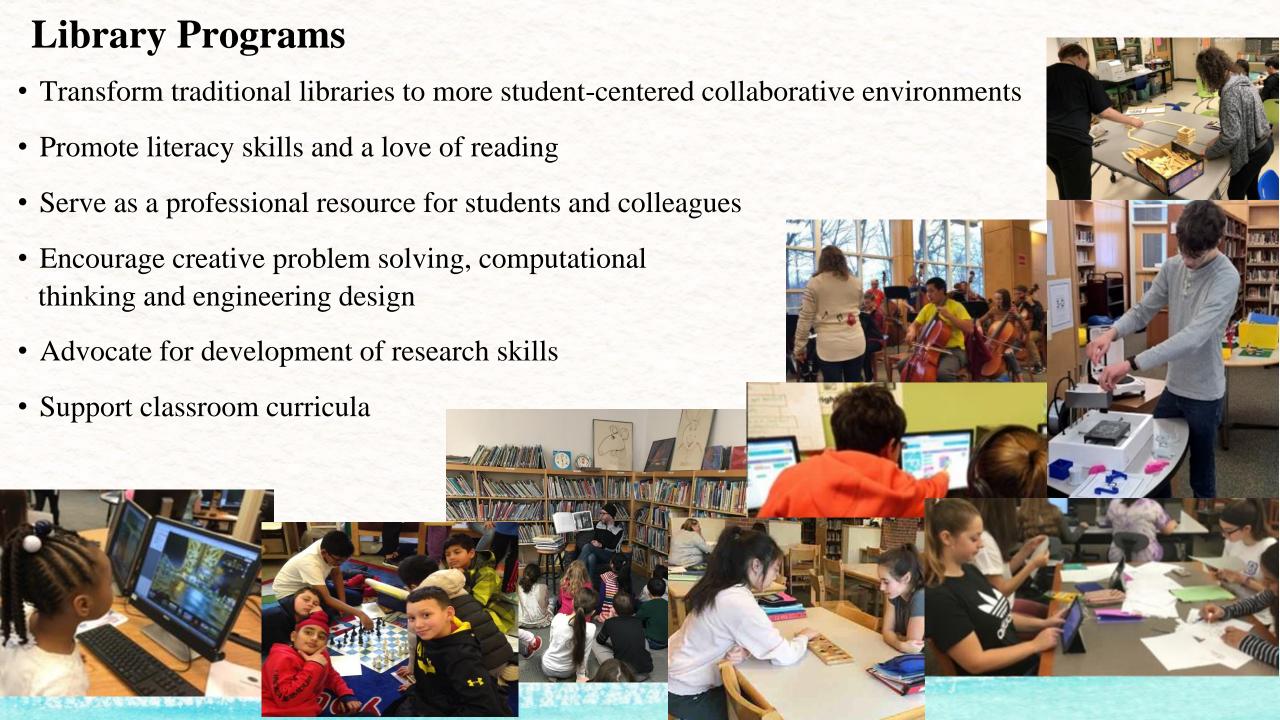
EXPLORE

- Read, write, and create
- Reflect and ask questions Engage in self-directed
- Engage in self-directed learning
- Strategically solve problems
- Express curiosity
- Engage in self-reflection
- Be open to feedback
- Persist in discovery

ENGAGE

- Apply info and resources to learning
- Use information ethically
- Evaluate information
- Avoid plagiarism
- Share information
- Practice safety
- Show respect





Davis and Lane Elementary Schools' Library Programs

Davis Library: Student-Centered Collaborative Space

- Physical design of the space
- Book exchange
- Work together to find information, solve problems, and create
- Online communities
- Minecraft Education (Microsoft)
- Code.org















Lane Library: Student-Centered Collaborative Space

Grade Level Essential Questions Frame Lessons

- Grade 3: How do people solve problems?
- Grade 4: How do curiosity and asking questions help us make sense of our world?
- Grade 5: How do creativity and innovations affect society and the world we live in?

Sharing of Literature

- Weekly Book Exchange
- Frequent Book Shares with Classmates
- "Ratings" in Destiny Catalog



• Frequent Individual and Collaborative Project-Based Learning Opportunities

- Spheros, Lego Robotics & Robots
- 3D Printing Projects
- Research Projects
- Summer Reading Activities
- Student Centered PSA's
 - Internet Safety
 - Digital Citizenship
 - Summer Reading
- Bookmark Contests











Be Kind and Caring

If someone is cyber bullying you, don't be a bully too. Don't leave mean commen or things that might make someone feel bad. Don't spread rumors or gossip abou others online. Lying and teasing isn't nice so try to avoid it. This way you can be a responsible cyber-citizen!

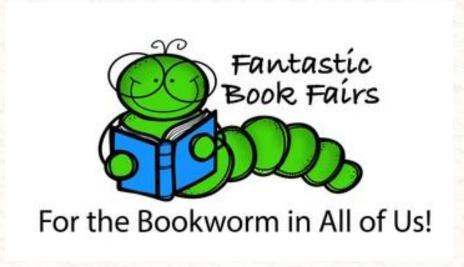




Davis Library: Promoting Literacy and Love of Reading



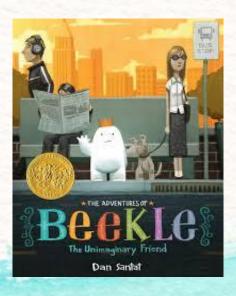












Lane Library: Promoting Literacy and Love of Reading

Reading is the KEY to learning

- Book Fairs
- Author Visits
- Paws to Pages Reading Event
- Summer Reading
- Book Selection for Independent Reading
- Book Talks
- Book Shares
- Rating Books in Destiny













Davis School Librarian: Professional Resource

- Provide resources to support classroom curricula
- Purchase a variety of genres, reading levels, areas of interest, and curricula related materials
- Organize Book Fair by Fantastic Books
 - all proceeds go to Hot Room (Curriculum Text)
 - donated over \$15,000
- Promote the integration of technology to enhance
 - research skills (PebbleGo database, Google Earth)
 - computational thinking skills (Neighborhood Map Machine, Code.org, Osmo, Minecraft Education)







Lane School Librarian: Professional Resource

Maintain Updated Print Collection and Databases

- Ethnic diversity and gender identity
- Social-emotional materials for staff and student use
 - Mindfulness
 - Growth mindset

EdCamp Session

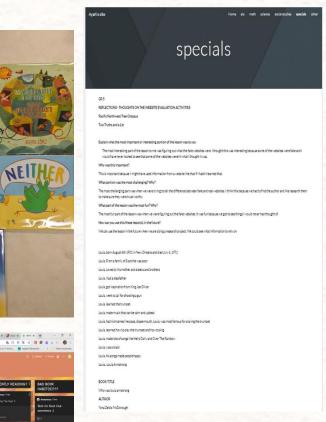
– What are YOU Reading?





Internet Safety PSA's

- Reinforce concept of digital citizenship
- Created by 5th graders with the purpose of
 - Demonstrating their prior knowledge
 - Sharing this information to help instruct 3rd graders

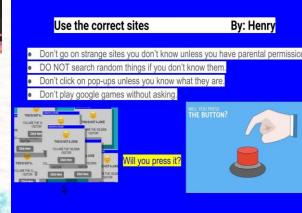


Google Sites - Digital Portfolios

- Created by all students to curate and reflect on work
- Continued throughout the school year

News From the Fast Lane

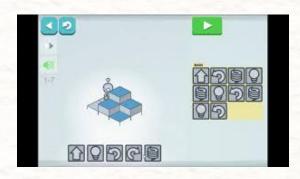
- Lane School Newspaper "written for students, by students"
- Created by Sarah Dorer (published 22+ years!)
- Current issues archived online





Davis Library: Creative Problem-Solving & Computational Thinking

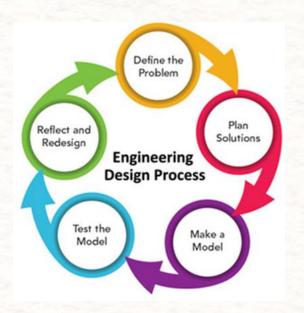
- Interdisciplinary project-based learning
- Engineering Design Process
- Start with drawings and building with Legos
- Code.org
- Minecraft Education
- Neighborhood Map Machine















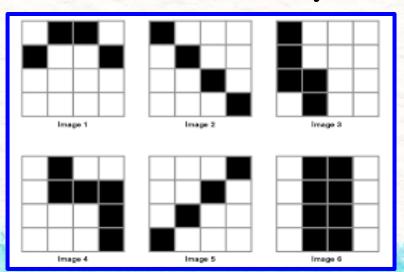


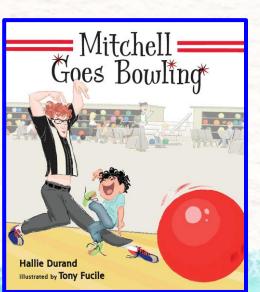
Lane Library: Creative Problem-Solving & Computational Thinking

- Interdisciplinary project-based learning
- Code.org all grades
 - Unplugged: teach concepts
 - Online: apply knowledge
- Lego Robotics (Gr 3 & 4)
- Spheros coding, relate to solving real world problems
- Invention Convention support for engineering & design
- TinkerCad 3D design & printing
- Creation of and reflections on Google Sites

• Use of Google's "Be Internet Awesome" curriculum for Grades

4 & 5 Internet Safety

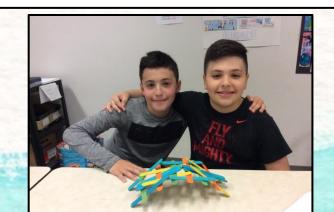








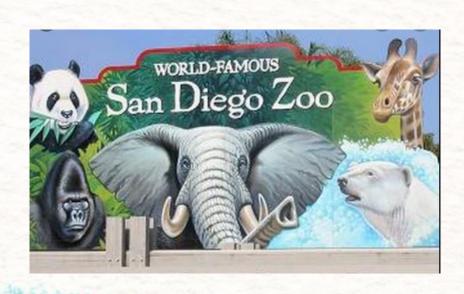




Davis Library: Development of Research Skills

- Integrate literature
- Independent use of PebbleGo database
- Incorporate images, videos and virtual reality
- Use of Google Earth
- Research related to classroom curricula
 - Kindergarten: Communities
 - Grade 1: Biomes animals, plants, environments
 - Grade 2: Continents, world landmarks, famous buildings







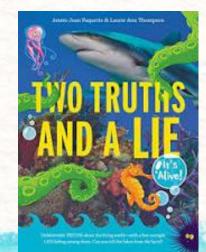


Lane Library: Development of Research Skills

- All Grades Lessons Incorporate
 - Print Materials Destiny Library Catalog
 - Online Databases & Resources
 - "I Can" statements
 - Digital Literacy
 - Website Evaluation (Blog Post) FORM
 - Pacific Northwest Tree Octopus
 - Two Truths and a Lie

HELPING STUDENTS MAKE INFORMED CHOICES





FOSTERING INTELLECTUAL CURIOSITY



EMPOWERING STUDENTS AS INDEPENDENT LEARNERS

LANE RESEARCH INITIATIVES:

"I CAN" ... STATEMENTS

- Use Keywords effectively
- Gather Evidence & Info
- ID the best info that supports thinking and answer the question
- Create a Visual or Digital Artifact to demonstrate understanding

- Use Keywords effectively
- Gather Evidence & Info
- ID the best info that supports thinking and answer the question
- Take accurate notes
- Use citations
- Create a Visual or Digital Artifact to demonstrate understanding

- Use Keywords effectively
- Gather Evidence & Info
- ID the best info that supports thinking and answer the question
- Take accurate notes
- Recall info in their own words
- Use citations
- Create a Visual or
 Digital Artifact to
 demonstrate
 understanding

Davis Library: Support Classroom Curricula

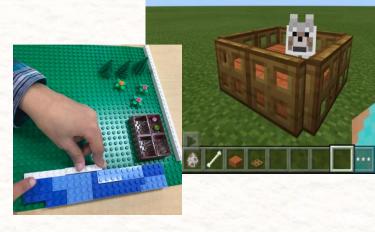
Kindergarten Unit of Study: Communities











Grade 1 Unit of Study: Biomes - Animals,

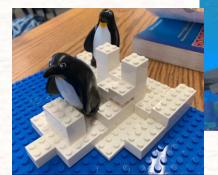
Plants, Environment







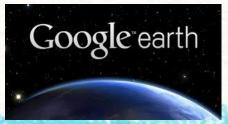
creative problem solving and designs





Grade 2 Unit of Study: Continents, World Landmarks, Famous Buildings







integration of low and high tech





Lane Library: Support Classroom Curricula

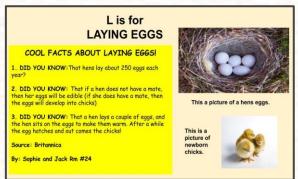
- Gr 3 Connecting to Life
 Science Curriculum
 - Survival of a Sea Turtle
 - Sphero Activity
 - Chicks & Ducks
- Gr 5 Connecting to Science/Technology/Design & Engineering Curriculum
 - da Vinci & Inventor research
 - Invention Convention
 - 3D design & printing





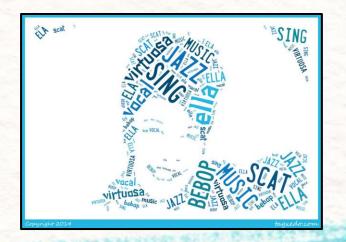








- Gr 4 Connecting & Collaborating
 - Jazz Musician Bio Research & Bio Poems 1 & 2 (Library)
 - Music Reflection Activity (Music)



BIO POEM Madeline & Marina-Melis

Ella Fitzgerald,
Ella, only child, poor family,
Fitzgerald
Ella, sweet songs, Fitzgerald
Ella, vocal virtuosa, Fitzgerald
Ella, wanted to dance but,
turn to song, Fitzgerald
Ella, ella 'n' chick, Fitzgerald
Ella, big bones, big heart,
Fitzgerald
Ella, 4/25/1917-6/15/1996,
Fitzgerald
Ella Fitzgerald

JGMS and High School Library Programs

JGMS Library: Student-Centered Collaborative Space







Flexible seating with Chromebooks.

Versatile space accomodating groups and classes.







High School Library: Student-Centered Collaborative Space

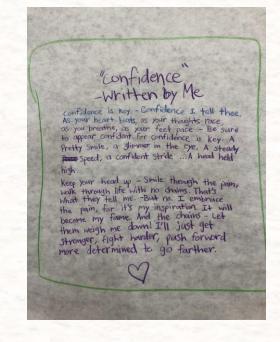


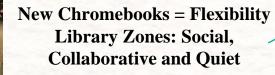










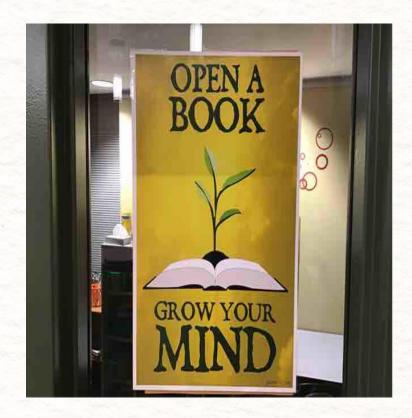








JGMS Library: Promoting Literacy and Love of Reading







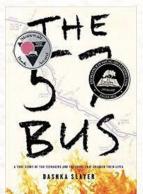
Reading as an integral part of life.







High School Library: Promoting Literacy and Love of Reading



Monthly Literary Highlights

- Black History Month
- National Hispanic Month
- Mental Health Awareness
- Graphic Novels "Rock"
- Student-Led Book Clubs



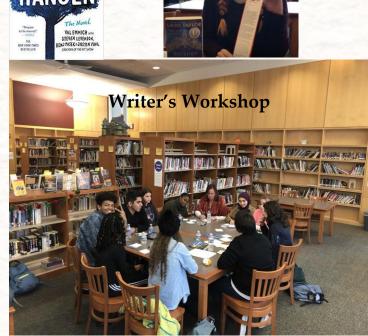




Do you like to draw?

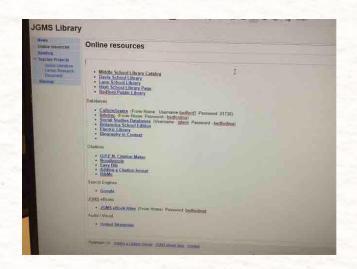








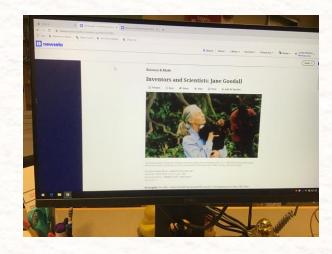
JGMS Librarian: Professional Resource



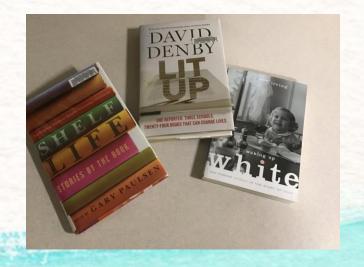


Independent reading ideas for all grades

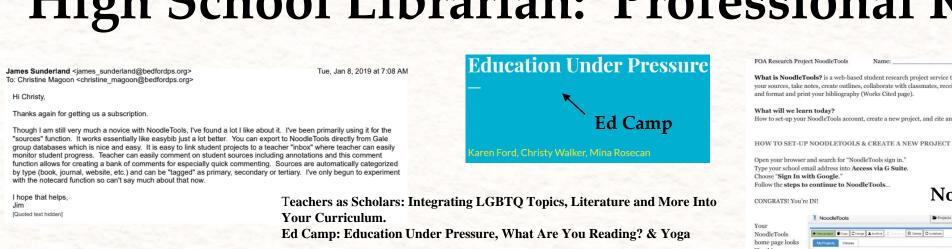
- Viva Rose! BySusan Krawitz,
- Ghosts of Tupelo Landing by Sheila Turnage
- Geek Fantasy Novel by Eliot Schrefer
- Outcasts Invited by Warren St John
- *One Came Home* by Amy Timberlake
- A Novel by Ilyasah Shabazz daughter of Malcolm X
- Girl in the Blue Dress Monica Hesse
- *Girl Code* by Andrea Gonsales and Sophie Houser
- Fresh Ink 13 award winning authors one unforgettable collection Ink an anthology

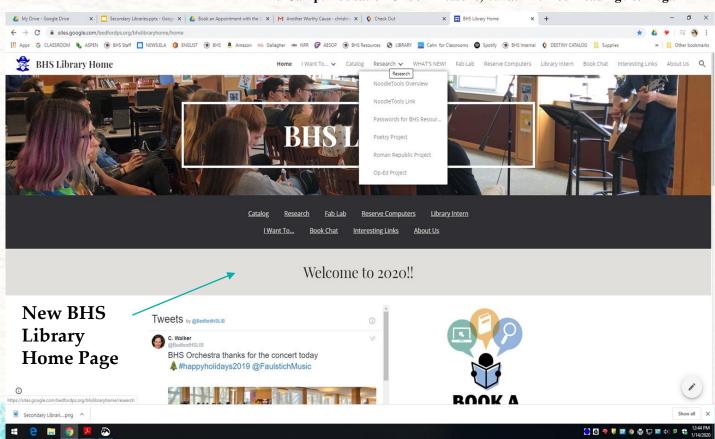


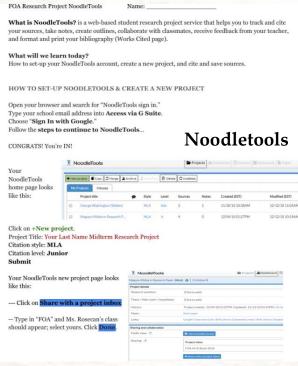
NEWSELA



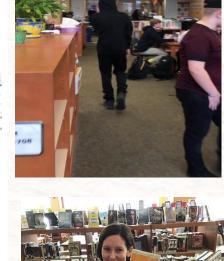
High School Librarian: Professional Resource







DEAR EVAN HANSEN: THE NOVEL PROFESSIONAL DEVELOPMENT COURSE

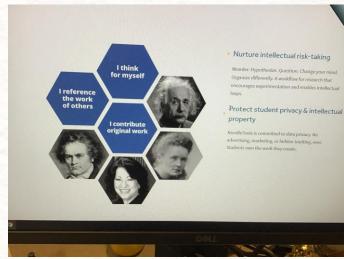




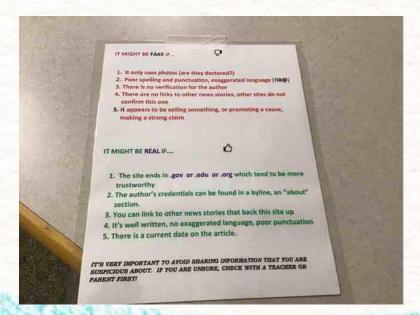


JGMS Library: Development of Research Skills



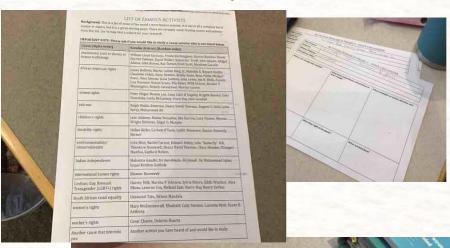


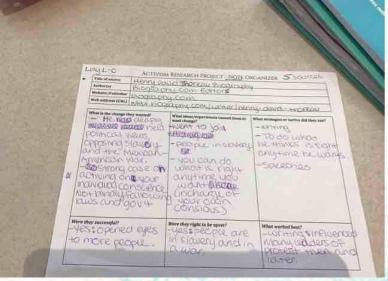
Influences of the Renaissance





Activist and Why





High School Library: Development of Research Skills





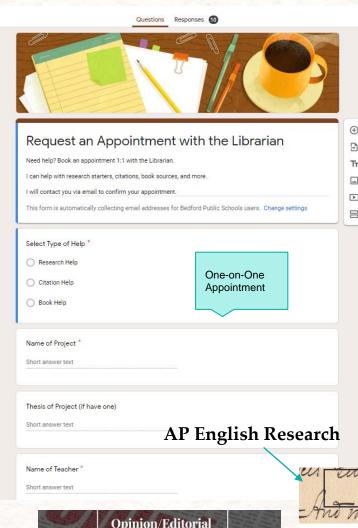
Research Databases++

- Gale Research in Context
- Britannica --encyclopedia, biographies, primary
- SIRS Issues Researcher -- a pro/con reference on controversial and current topics
- eLibrary -- general reference
- Proquest -- general reference

Gale Research Databases

- World History in Context
- US History in Context
- Science in Context
- Biographies in Context
- Global Issues in Context
- Research in Context
- Literature Resource Center

10th Grade **English**



Project







How to access the BHS Library Databases &

BHS Library Home Page

https://sites.google.com/bedfordps.org/ bhslibraryhome/research

Some of the best sources:

- · Gale Issues in Context
- Infobase eBooks
- Encyclopedia Britannica
- eLibrary
- Overdrive

Infobase eBooks

https://ebooks.infobase.com/e_Home.aspx

If outside school, log-in to... SIRS & eLibrary:

Username: Bedford1! Password: Bedford1!

Infobase eBooks:

Username: bedfordhigh Password: bedfordhigh

Overdrive eBooks & Audio:

Username: first initial last name Password: Aspen password

We can help you find a book on your topic and/or photocopy a chapter for you!

Or book a 1:1 Appointment with the Librarian on our home page!!

Ask me for help! -- Ms. Walker

Bookmark for Research **Database** Info.

summer see the obsert whitele **Poetry Project**

POETRY PE	ROJECT RESOURCES

- · Poets.org
- Modern American Poets

REFERENCE BOOKS IN LIBRARY

- The library has a vast array of poetry, including individual poet

Bloom's Literary Thomes are very useful

Gale: Literature Resource Cente

Poetry for Students

JGMS Library: Support Classroom Curricula



Public Issue Art Projects



Green Screen: Science Weather





Writers' Workshop Visiting Author

Newbery Award

Winner Visit



Appreciation of Other Cultures: 7th Grade Multicultural Novels



Celebration of Reading

High School Library: Support Classroom Curricula

World Languages





Recent Purchases: New Resources for SOC Research Projects***

We also have new biographies: on the founders of Zappos, Apple, Twitter, Elon Musk (Tesla), as well as Warren Buffet, Malcolm X, etc. ** ask for a comprehensive list.

United States History --

Words that Built a Nation: Voices of Democracy that Have Shaped America's History

by: Marilyn Miller, Ellen Scordato, Dan Tucker

This selection of the US* most important historical documents and speeches immerses lids in the ideas and words that have shaped American democracy. From the Gettysburg Address to the 2015 Supreme Court ruling on same-sex marriage, this updated edition introduces the landmark statements and moments that are impacting our nation today.

White Trash: The 400-Year Untold History of Class in America

by Nancy Isenber

Surveying political rhetoric and policy, popular literature and scientific theories over four hundred years, Isenberg upends assumptions about America's supposedly class-free society—where liberty and hard work were meant to measure real social mobility. Poor whitse were central to the rise of the Republican Party in the early nineteenth century, and the Criti War itself was fought over class issues nearly as much as it was fought over slavey. Reconstruction pitted poor white trash against newly freed slaves, which factored in the rise of engenics—a movement embraced by Theodore Roosevelt that targeted poor white rash the strength of the property of the poor white trash have been early through the proposition of the property of the property

Doing Justice: A Prosecutor's Thoughts on Crime, Punishment, and the Rule of Law

by Preet Bhara

Bharara has spent much of his life examining our legal system, pushing to make it better, and prosecuting those looking to subvert it. Bharara believes in our system and knows it must be protected, but to do so, we must also acknowledge and allow for flaws in the system and in human nature. The book is divided into 4 sections Inquiry, Accusation, Judgment and Punishment. He shows why each step of this process is crucial to the legal system. He uses anecdotes and case histories from his legal career-successes and failures-to illustrate the realities of the legal system, and the consequences of taking (or not taking) action.

These Truths: A History of the United States

by Jill Lepor

In the most ambitious one-volume American history in decades, award-winning historian and New Yorker writer Jill Lepore offers a magisterial account of the origins and rise of a divided nation, an urgently needed reckoning with the

The American experiment rests on three ideas—"these truths," Jefferson called them—political equality, naturights, and the sovereignty of the people. And it resures on a fearlest dedication to inquiry. Lepore argues, because self-government depends on it. But h. Page 11. / 17. 19. — Q. 14. on that promise?





eather Kurzman sheather kurzman@hedfordns.org>

omo -

Can we add...? The first three would be preferred for this year. The Cases that Haunt Us and Mortal Evidence from your list would be helpful this year, too. Thanks!

The Run of His Life by Jeffrey Tooms https://www.amazon.com/Run-His-Life-People-Simpson/dp/081298854X/ref=sr_1_2?keywords=0.J+Simpson&oic

Death's Acre by Bill Bass https://www.amazon.com/Deaths-Acre-Inside-Legendary-Forensic/dp/0425198324/ref=sr 1 2?keywords=bill+bass&gid=157798

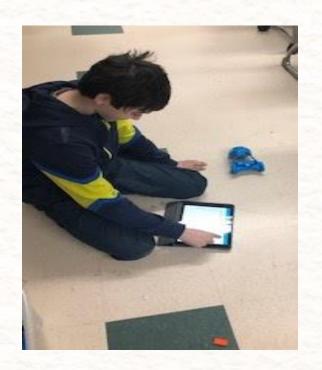
Stiff by Mary Roach https://www.amazon.com/Stiff-Curious-Lives-Human-Cadavers/dg/0393324826/ref=sr_1_27keywords=stiff8gid=16777690548s=book Heather Kurzman, M.Ed.

(781) 275-1700 ext. 4593 https://sites.google.com/bedfordps.org/heatherkurzman/home Forensics Class

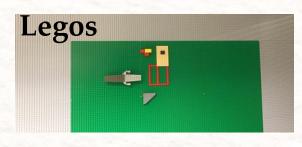




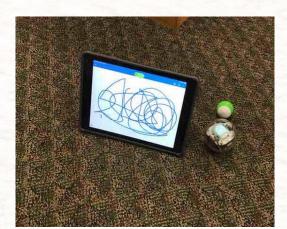
JGMS Library: Creative Problem-Solving & Computational Thinking



















Spheros

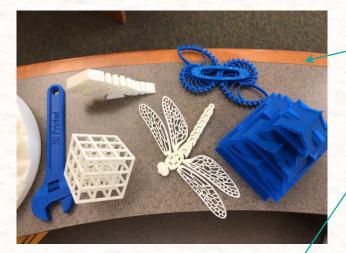
Specdrums

Stone Art

Cubelets

Keva Planks

High School Library: Creative Problem-Solving & Computational Thinking







Vinyl Cutter





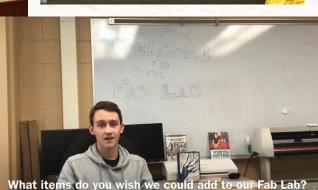




Green Screen & Audio Visual







BEF Grant: Glass Kiln

Questions