

8th Grade School Supply List for STEM 2024-2025 school year!

Blue is the 8th grade color.

8th Grade - General Supplies

Pens: blue and black ink

Highlighters

Mechanical pencils (.9) with extra led

Sticky Notes

Eraser tops - or eraser bar

Handheld sharpener

College ruled notebook paper

Crayola twistable colored pencils

glue sticks

1 Blue folder (parent communication folder)

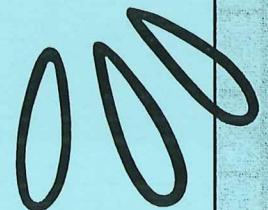
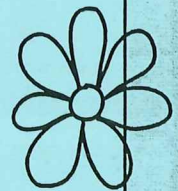
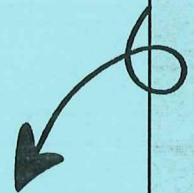
Language Arts - 1 BLUE folder

Social Studies - 1 Blue folder - two pockets with 3 prongs

Technology - 1 Blue composition book - 100 pages

Math - 1 Blue three subject spiral notebook, TI-30Xa Calculator

Science - 1 Blue 3 subject spiral notebook, 1 Blue folder 2 pockets/ 3 prongs



Meet the teacher



Mrs. Waller

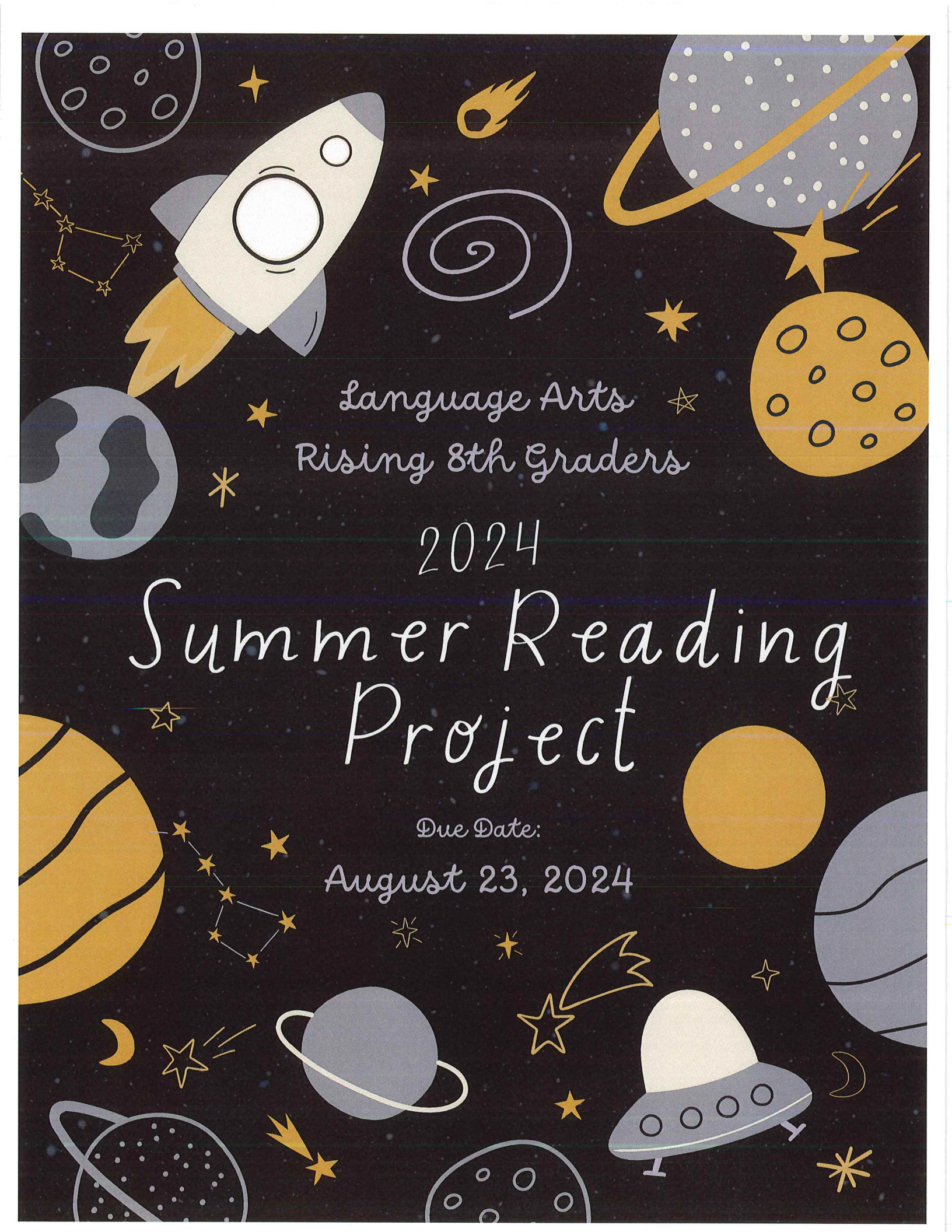
STEM LANGUAGE ARTS

HI! MY NAME IS MRS. WALLER, AND I AM SO EXCITED TO BE A PART OF THE MADISON MIDDLE SCHOOL STEM TEAM! MORE IMPORTANTLY, I AM THRILLED TO BE YOUR LANGUAGE ARTS TEACHER FOR THE SCHOOL YEAR!

THIS WILL BE MY 22ND YEAR TEACHING. I WAS RAISED ON THE EAST COAST OF FLORIDA IN COCOA BEACH NEAR KENNEDY SPACE CENTER. WHEN I GRADUATED FROM HIGH SCHOOL, I CAME TO TAMPA TO ATTEND THE UNIVERSITY OF TAMPA... GO SPARTANS! I HAVE A BACHELOR'S DEGREE IN PSYCHOLOGY AND A MASTER'S DEGREE IN EDUCATION.

I CAN'T WAIT TO SEE WHAT THE NEW SCHOOL YEAR HAS IN STORE FOR US.

A FUN FACT ABOUT ME IS THAT I LOVE MINT CHOCOLATE ANYTHING!

The background is a dark navy blue space filled with various celestial objects. In the top left, a white rocket with a yellow flame is angled upwards. To its right is a yellow comet with a long tail. Further right is a large planet with a blue ring and a grey surface covered in white dots. Below the rocket is a grey planet with dark grey spots. To the right of the ringed planet is a yellow planet with several black circles. In the bottom left, a large yellow planet with black horizontal stripes is partially visible. At the bottom center is a grey planet with a white ring. In the bottom right is a grey UFO with a white dome and four landing wheels. The space is scattered with yellow stars of various sizes, some with motion lines, and several constellations of small yellow stars connected by thin white lines. A white spiral nebula is located in the upper middle section.

Language Arts ☆
Rising 8th Graders

2024

Summer Reading Project

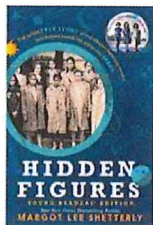
Due Date:
August 23, 2024

2 Books...1 Project

OBJECTIVE

All 8th Grade STEM students must read the novel “**Hidden Figures**” by **Margot Lee Shetterly** and one other SSYRA book of their choosing, then complete a project for ONE of the books.

REQUIRED BOOK



Hidden Figures tells the story of Black women who work at Langley Aeronautical Laboratory in Hampton, Virginia, starting in the early 1940s. These women play an integral role in the development of American aviation and space technology. They persevere in the face of discrimination against both their race and their gender.

PROJECT CHOICES

1. A Timeline - A visual reference

Create a timeline of the main events in the book. Include the important and meaningful events and be sure to **introduce all main characters**. Include artwork to help illustrate the main events. Do not include the last chapter on the timeline so as not to give away the ending. Instead, end the timeline with a stimulating question to utilize the skill of predicting outcomes. This is a project, so be sure to present a neat and clean timeline. Your project can be completed on paper or you can present it digitally using PowerPoint, Word, Publisher, or another format of your choosing. See examples on the next page.

2. Diorama - Let the viewer “see” your scene!

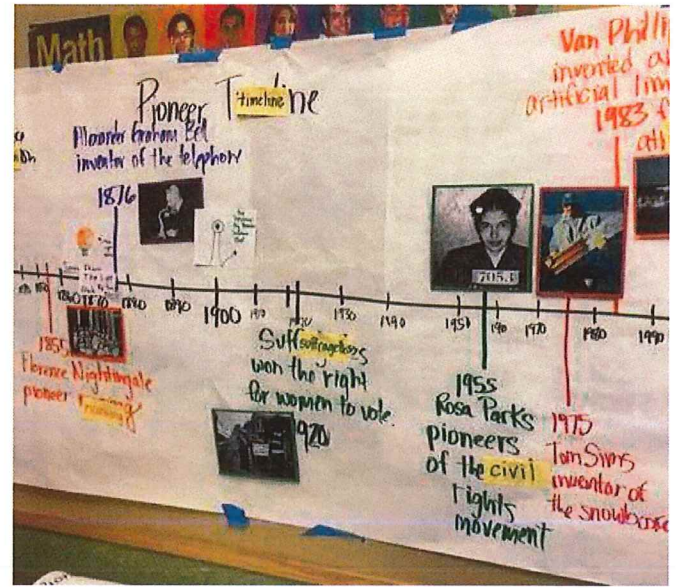
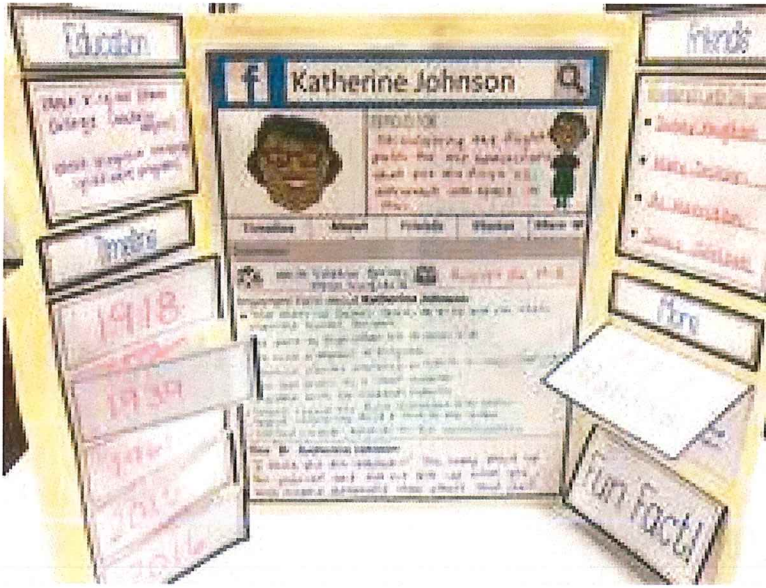
Create a three dimensional representation of the book. The detailed diorama must depict an important scene from the book. you must turn in a typed paragraph describing the scene. Be sure to include an explanation as to why you chose this scene. Please include your name on the paper and on the Diorama. **Do not attach the paragraph to the project.** See examples on the next page.

3. A Movie Poster - Coming soon to a theater near you!

Create a movie poster for your book. Be sure to view a variety of movie posters prior to creating your poster. You need to introduce your book and entice the viewer to read it! Use only copyright friendly images if you are printing from the internet. This is a project, so be sure to present a neat and clean poster. You can present your project on a large poster board, or you can create a digital poster using Publisher, Word, or another format of your choosing. See examples on the next page.

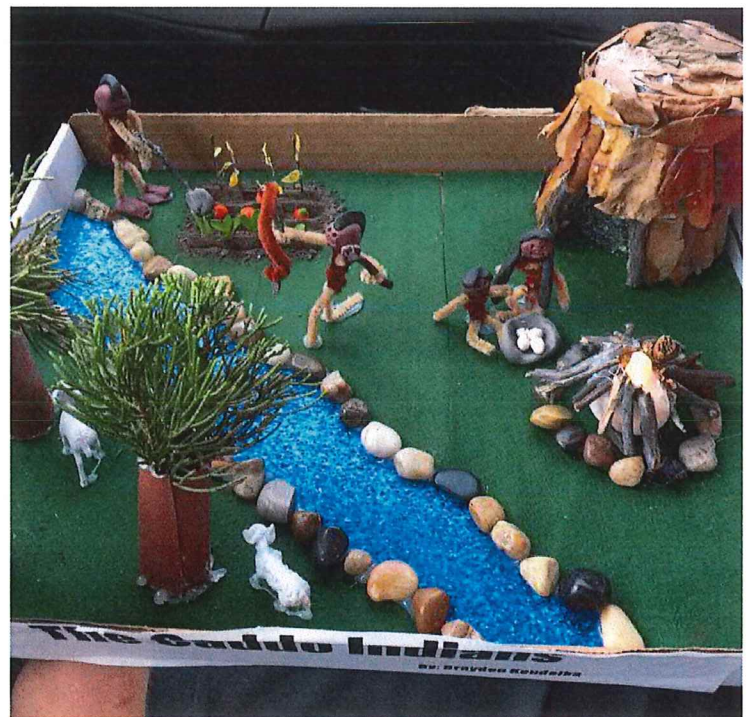
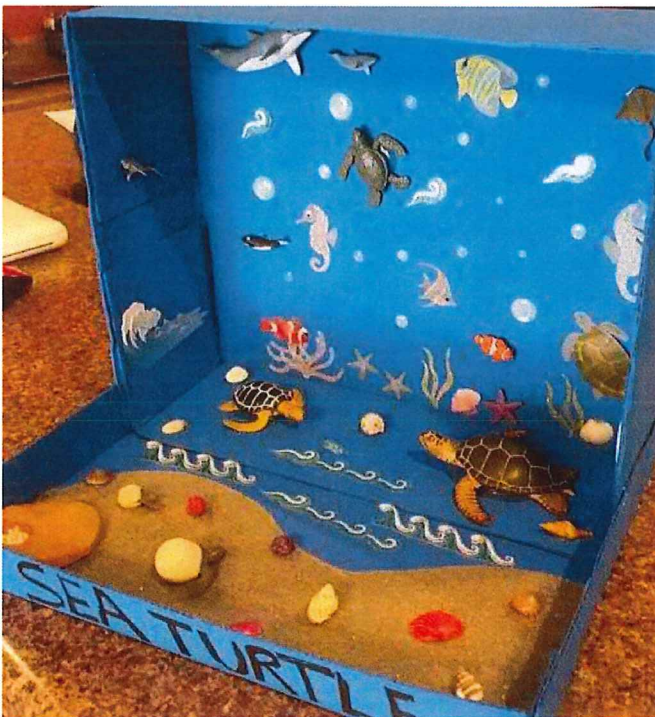
Be creative and have fun with your project!
Your project is due to Mrs. Waller by Friday, August 23rd.

Timeline Examples



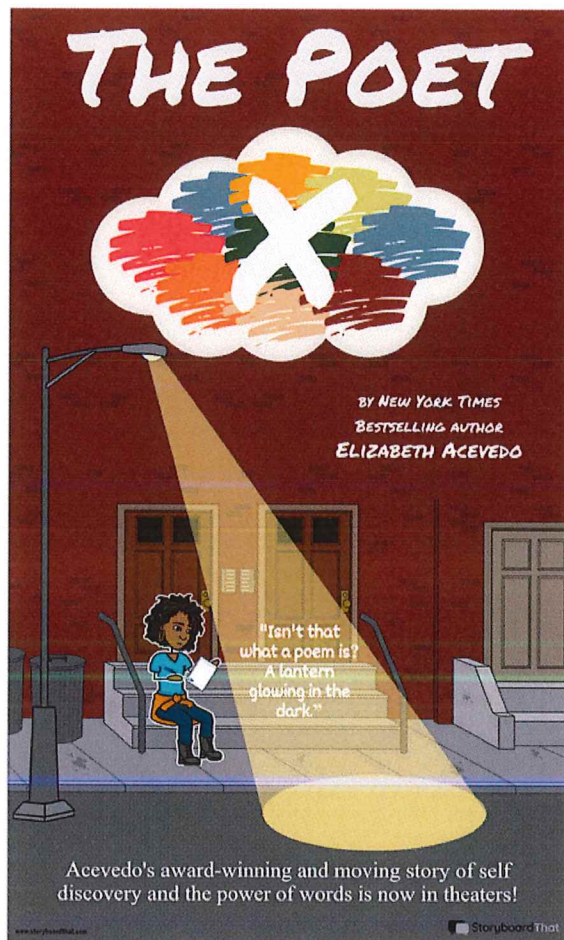
This is a good example of a timeline. The introduction/descriptions of the characters are on the back of the timeline. You may have more major events on your timeline.

Diorama Examples

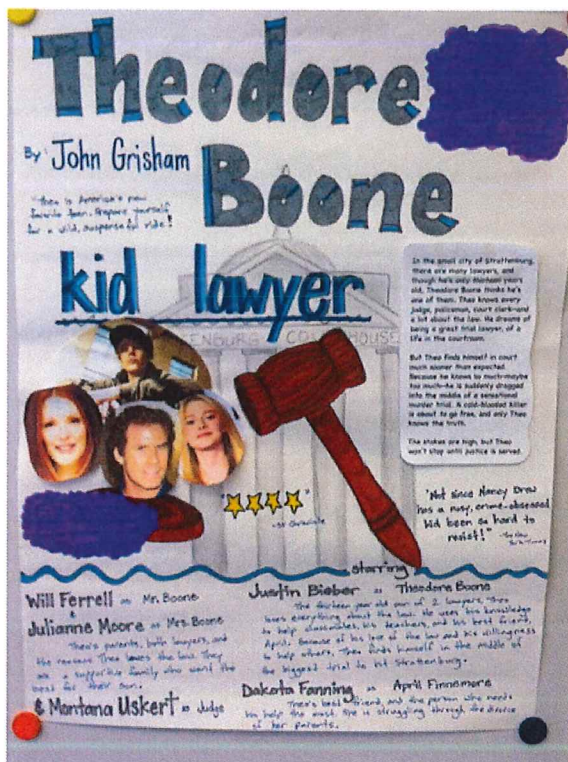


Please be sure your work is neat and thorough. This is a project, so your work should be formal.

Movie Poster Examples

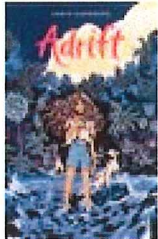


Please be sure your work is neat and thorough. This is a project, so your work should be formal.





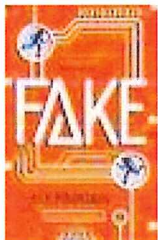
Sunshine State Young Readers Award Books 2024-2025 List for Grades 6-8



Adrift by Tanya Guerrero

Ever since her father was lost at sea, Sophia has been moping around Aqualand, the marine theme park her dad and uncle created. But Sophia's world is turned upside down when an "aquanaut" breaks into the park's research lab.

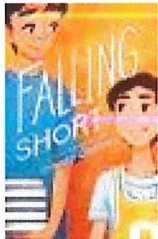
To her amazement, Sophia discovers that the aquanaut is not what it seems -- inside lives a band of four goofy sea creatures! And when they all realize that Aqualand has evolved into something much darker than Sophia's dad had envisioned, Sophia is determined to help the aquanaut crew free the park's captive marine life before it's too late.



Fake: A thrillingly paced, timely novel about identity and our digital lives by Ele Fountain

Imagine a world where your only friends are virtual, and big tech companies control access to food, healthcare and leisure. This is Jess's world. But when she turns fourteen, Jess can go to school with other children for the first time. Most of them hate the 'real' world, but Jess begins to question whether the digital world is 'perfect' after all. Back home, her sister Chloe's life-saving medication is getting ever more expensive. Determined to help, Jess risks everything by using skills forbidden in the cyber-world, only to stumble on something explosive. Something that will turn her whole world upside down.

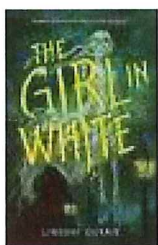
It's up to Jess to figure out exactly what is real, and what is fake - Chloe's survival depends on it.



Falling Short by Ernesto Cisneros

Isaac and Marco already know sixth grade is going to change their lives. But it won't change things at home—not without each other's help. This year, star basketball player Isaac plans on finally keeping up with his schoolwork. Better grades will surely stop Isaac's parents from arguing all the time. Meanwhile, straight-A Marco vows on finally winning his father's approval by earning a spot on the school's basketball team.

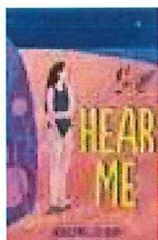
But will their friendship and support for each other be enough to keep the two boys from falling short?



Girl in White by Lindsay Currie

Mallory hasn't quite adapted to life in her new town of Eastport yet. Maybe it's because everyone is obsessed with keeping the town's reputation as the most cursed town in the US. And thanks to the nightmares she's had since arriving, Mallory hardly sleeps. Combined with the unsettling sensation of being watched, she's quickly becoming convinced there's more to her town. Something darker.

When Mallory has a terrifying encounter with the same old woman from her dreams, she knows she has to do something—but what? With Eastport gearing up to celebrate the anniversary of their first recorded legend Mallory is forced to investigate the one legend she's always secretly been afraid of .



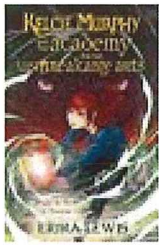
Hear Me by Kerry O'Malley Cerra

It's been a year since her diagnosis, and Rayne's hearing continues to decline, even with aids. It's a struggle to maintain friendships and keep up in school, surfing is now a wipeout, and she can't understand her favorite singer's lyrics. But worst of all, Rayne's parents are pushing for her to get cochlear implants, a surgery Rayne's not convinced is worth the risks and challenges. Rayne begs her parents to consider other options, but they're not budging. With the surgery looming, Rayne sets off on a bus journey that forces her to face her own assumptions about what her hearing loss means and what kind of life she could have. With the help of some new friends, Rayne realizes that even though her ears may be broken, she is not.

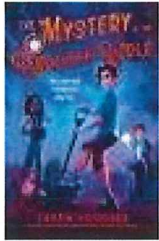


How to Stay Invisible by Maggie C. Rudd

Twelve-year-old Raymond Hurley has never had a place to call home. His free-wheeling parents move their family from town to town, and he's living in a trailer in a brand-new state when one day, they just up and abandon him. All alone with nothing but a duffle bag full of clothes and his reliable pup, Rosie, he is forced to live in the woods behind his middle school. With a fishing pole in hand and survival guide checked out from the library, Raymond scrapes by and doesn't tell anyone his secret. This isn't the first time he's had to rely on himself. However, when winter days get colder and finding food becomes nearly impossible, Raymond makes new friends, including a curious coyote, in unexpected places. Soon, he learns that his fate will depend not just on his wilderness skills, but on the people and animals he chooses to trust.



Kelcie Murphy and the Academy for the Unbreakable Arts (The Academy for the Unbreakable Arts, 1) by Erika Lewis
The Otherworld is at war. The Academy for the Unbreakable Arts trains warriors. And Kelcie Murphy—a foster child raised in the human world—is dying to attend. A place at AUA means meeting Scáthach, the legendary trainer of Celtic heroes. It means learning to fight with a sword. It means harnessing her hidden powers and—most importantly—finding out who her parents are, and why they abandoned her in Boston Harbor eight years ago. When Kelcie tests into the school, she learns that she's a Saiga, one of the most ancient beings in the Otherworld. Secretive, shunned, and possessed of imposing elemental powers, the Saiga are also kin to the Otherworld's most infamous traitor. But Kelcie is a survivor, and she'll do whatever it takes to find her parents and her place in their world. Even if that means making a few enemies.



The Mystery of the Radcliffe Riddle by Taryn Souders

When Grady and his dad learn that the town oddball, Eudora "Kooky" Klinch left something for them in her will, they can only imagine what it might be. When it turns out it's an old scrap of 300-year-old tapestry, they are bitterly disappointed. But the cloth comes with a note saying, "This is no ordinary piece of needlework. It's a treasure map. Riddles and Clues. To the victor go the riches." Grady's dad dismisses it, but Grady thinks this could be the chance of a lifetime. With the help of his friends Thad, Clemmie, and the town dog Ophelia, Grady is determined to crack the clues and find the treasure.

But when someone tries to break into Grady's house one night, and then the local antiques expert who examined the tapestry is found unconscious, Grady realizes that he's not the only one who knows about the treasure map. There's more at risk than he bargained for, and solving this mystery just got a lot more dangerous.



New Dragon City by Mari Mancusi

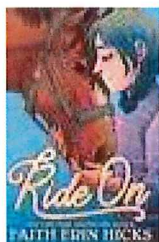
No one predicted the dragon apocalypse. The dragons came suddenly and decimated the world as we knew it, including New York City. Now, three years later, Noah, his hardcore survivalist father, and a ragtag group of survivors are barely scraping by in this new reality. Kids scavenge not only for materials in abandoned homes but also for leftover books at the library. Adults spend their time establishing a make-shift society and defending their shelter... with any means available. At least for the few months the dragons are hibernating, until it's no longer safe aboveground. The division runs deeper than scales versus skin because trying to follow his heart might just cost Noah his family too. If Noah and his father can't see eye to eye, can he really get humans and dragons to?



Over and Out by Jenni L. Walsh

Sophie has spent her entire life behind the Berlin Wall, guarded by land mines, towers, and attack dogs. A science lover, Sophie dreams of becoming an inventor... but that's unlikely in East Berlin, where the Stasi, the secret police, are always watching.

Though she tries to avoid their notice, when her beloved neighbor is arrested, Sophie is called to her principal's office. There, a young Stasi officer asks Sophie if she'll spy on her neighbor after she is released. Sophie doesn't want to agree, but in reality has no choice: The Stasi threaten to bring her mother, who has a disability from post-polio syndrome, to an institution if Sophie does not comply. Sophie is backed into a corner, until she finds out, for the first time, that she has family on the other side of the Wall, in the West. This could be what she needs to attempt an escape with her mother to freedom -- if she can invent her way out.



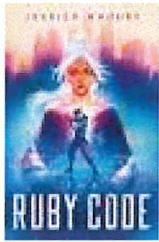
Ride On by Faith Erin Hicks

Victoria has always loved horses. But riding in competitions is high stakes, high stress, and shockingly expensive. And even though Victoria's best friend Taylor loves competing, Victoria has lost her taste for it. After a heartbreaking fight with Taylor, Victoria needs a new start—at a new stables. A place where she doesn't have to worry about anything other than riding. No competition, no drama, no friends. Just horses.



Roll for Initiative by Jaime Formato

Riley Henderson has never taken a bus to school in her entire life. Or made an afterschool snack, or finished her homework on her own, or—ewww—done her own laundry. That's what her older brother Devin was for. With the help of her new D&D friends, Riley discovers that not only can she function without Devin, she kind of likes it. She figures out that bus thing, totes the clothes down to the laundry room and sets up her D&D campaigns right there on the slightly suspect folding table, makes her own snacks and dinner— the whole deal. But when Devin runs into trouble with his program and returns home, it's pretty clear, even to Riley, that since he can't navigate his own life, he's going to live Riley's for her. Now she has to help Devin go back to college and prove to her mom that she can take care of herself . . . all before the upcoming Winter-Con.



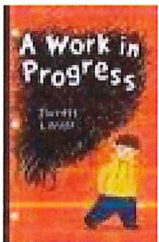
The Ruby Code by Jessica Khoury

Bullied at school and home, Ash finds respite from his unhappy life in virtual reality games. One night, he spends his meager savings to help a stranger, who thanks him with a copy of an old fantasy game called *The Glass Realm*. While exploring the game, Ash meets a seemingly humble shopkeeper named Ruby. But from the start, Ruby seems different than the other townsfolk—especially when she and Ash stumble across an in-game quest designed not for the player, but for Ruby to solve. When Ruby begins developing powerful abilities that can rewrite the very code of the game, they realize she is far more than a pre-programmed side character.



The Superteacher Project by Gordon Korman

Oliver Zahn, spitball champion and self-declared rule-wrecker of Brightling Middle School, is not a fan of his new homeroom teacher, Mr. Aidact. The guy is sort of stiff, never cracks a smile, and refers to them as "pupils." The worst part is he catches Oliver before he can pull any of his signature pranks! It's time for Oliver and his best friend, Nathan, to show the new teacher who's boss. But as the weeks go by, they start to realize that Mr. Aidact is not what they expected. He has an uncanny ability to remember song lyrics or trivia. When the girls' field hockey team needs a new coach, he suddenly turns out to be an expert. He never complains when other teachers unload work on him—even when it's lunchroom duty and overseeing detention. Against all odds, Mr. Aidact starts to become the most popular teacher at Brightling.



A Work in Progress by Jarrett Lerner

Will is the only round kid in a school full of thin ones. So he hides...in baggy jeans and oversized hoodies, in the back row during class, and anywhere but the cafeteria during lunch. But shame isn't the only feeling that dominates Will's life. He's also got a crush on a girl named Jules who he knows he doesn't have a chance with, because of his size—but he can't help wondering what if?

Will's best shot at attracting Jules's attention is by slaying the Will Monster inside him by changing his eating habits and getting more exercise. But the results are either frustratingly slow or infuriatingly unsuccessful, and Will's shame begins to morph into self-loathing.

Available at www.itzbooks.com

Meet the teacher



Mrs Rafferty

Hello Madison STEM students!

I am Mrs. Rafferty, your Social Studies teacher and STEM Team leader for the 2024/2025 school year.

This will be my 32nd year teaching in Hillsborough County and my 9th year in the STEM program. I grew up in south Tampa and attended Monroe JH and Robinson HS. I have a bachelor's degree in social science education from the University of South Florida.

My master's degree is in teaching and learning from Nova Southeastern University.

I love planning fieldtrips and taking students on adventures outside the classroom!

A Fun Fact about me is my 5th great grandfather fought with George Washington in the Revolutionary War!

Name: _____ Date: _____ Period: _____

8th Grade American History Scavenger Hunt Summer Assignment 2025 Competition

A significant element of the 8th grade history course is the completion of a National History Day research project. This project will encompass the use of all 8th grade research standards. Your summer assignment is designed to help prepare you for this endeavor. Please turn in your completed scavenger hunt summer assignment to Mrs. Rafferty by Friday, August 23, 2024.

The purpose of this assignment is to get familiar with the NHD.org website. You will need to know this information to create an award-winning project. Have your family/parents help you with this project.

This is an extensive research project. This is NOT a report. Choose a topic you are really interested in. Narrow it down to a specific person, place, or event. The more narrow, the better.

Part 1: National History Day Scavenger Hunt (The website may have changed. Your assignment is to get to know the website and choose the topic you will create your project on. Your final project is due January 10, 2025)

Have your family help you get to know all the rules and regulations for your project and choose an interesting topic that applies to the Theme)

1. Go to **www.nhd.org** and hover over **FOR STUDENTS** tab at the top of the page. Then click the **HOW TO** link from the dropdown menu.
 - According to the NHD website, what is the first thing you should do?
2. Click on the **CONTEST RULE BOOK** link. Find section **III. RULES FOR ALL CATEGORIES**. Read through the rules so you are familiar with them. No matter which project you chose, you must follow these rules. How many rules are there for this section?
3. Explain rule 11 in your own words.
4. Rule 15 pertains to a Process Paper. What is a process paper? Explain...
 - a. List and explain the 4 sections of a Process Paper
 - 1.
 - 2.
 - 3.
 - 4.

Name: _____ Date: _____ Period: _____

5. Explain rule 17 in your own words.

6. Explain rule 19 in your own words.

7. Go back to the **HOW TO** page by hovering over the **FOR STUDENTS** tab and then clicking on the **HOW TO** link from the dropdown menu. Click on the **NHD THEME** link.

What is the theme for this year's competition?

The Theme will be announced in June of 2025

(This 20225 theme will be posted on the NHD.org website after the national competition in June.)

8. Click the link to download the **Theme Sheet** and text-mark the theme sheets as instructed in class.

When the current Themis is posted!

9. Click on the link that says **Theme Book** in the top right corner of the page. List **3 sample topics** from the examples in the theme book. (Use the 2025 Theme book)

10. List 3 topics you are interested in possibly doing your project on. You may use topics from the list or you can make your own list as long they meet the theme.

11. Go back to the **HOW TO** link from the **FOR STUDENTS** dropdown menu at the top of the page and click **Conducting Research** below. Read the information presented here on primary and secondary sources.

a. What is the purpose of using primary sources?

b. What is the purpose of using a secondary source?

c. Are interviews with experts considered primary sources? Explain...

d. If a book about the Revolutionary War was published in 2010 would it be considered primary or secondary? Explain...

e. If that same book had a quote from the Revolutionary War would it be considered a primary source? Explain...

Name: _____ Date: _____ Period: _____

12. Read about **Annotated Bibliographies**.

- a. Are annotated bibliographies required for all categories?
- b. What is an annotated bibliography?
- c. About how long is each annotation?

13. Go to the **PROJECT CATEGORIES** link by hovering over the **FOR STUDENTS** tab at the top of the page. Click on each of the following categories and read the information about them and write a brief description of each category:

- a. Documentary:
- b. Exhibit:
- c. Paper:
- d. Performance:
- e. Website:

14. As of right now, which category do you plan to enter?

15. Four of the categories allow either individual or group presentations. Which category is for **individuals only**?

Name: _____ Date: _____ Period: _____

16. Do you plan to do your project individually or as a group?

17. Go back to the **CONTEST RULE BOOK** by going back to the **FOR STUDENTS** tab at the top of the page and clicking the **HOW TO** link from the dropdown menu. Click on the **CONTEST RULE BOOK** link in the top right corner of the page. Find section IV on the individual category rules.

- a. In a paragraph *or more* summarize the instructions and requirements for the category you plan on entering. (Keep in mind that you must **also** follow the RULES FOR ALL CATEGORIES.)

18. Finally, hover over the **FORSTUDENTS** tab at the top of the page. Click the **PROJECT EXAMPLES** from the dropdown menu. Look at examples of winning NHD projects from previous years (Remember, previous years had different themes and the projects will be on topics that likely will NOT fit this year's theme.) Choose one example of a winning NHD project in your intended category.

Explain:

- a. The topic.

- b. Three aspects of the sample project you like.

- c. Two ways you might have done something different with the same project.

- d. The most challenging aspect of the project.

Name: _____ Date: _____ Period: _____

Part 2: Preliminary Research – 3 Topics you are planning on researching for your project.

Begin your preliminary research in order to help you narrow down your potential research topic for History Fair.

You will choose from these three topics in which to complete your project.

- Pick 3 topics that fit the theme.
- List 2 primary & 2 secondary sources for EACH topic
 - You do not have to print the entire source. Just list them. I.e. name of source, website etc. and author if applicable.
- Write a brief summary of EACH topic and whether or not it is going to be a good topic. Why? Or why not?

Topic 1: _____

Primary Source 1: _____

Primary Source 2: _____

Secondary Source 1: _____

Secondary Source 2: _____

Summary of Topic: _____

- ***Repeat this process two more times with different topics. ***

Topic 2: _____

Primary Source 1: _____

Primary Source 2: _____

Secondary Source 1: _____

Name: _____ Date: _____ Period: _____

Secondary Source 2: _____

Summary of Topic: _____

Topic 3: _____

Primary Source 1: _____

Primary Source 2: _____

Secondary Source 1: _____

Secondary Source 2: _____

Summary of Topic: _____

This is the theme from 2014. It is the same theme for the 2025 History Fair. This will help you get started with finding a topic to research. The 2025 theme will be published on NHD.org in June. Look for the update "Theme Sheet" in June.

National History Day 2014 Theme

RIGHTS AND RESPONSIBILITIES IN HISTORY

This year's theme, Rights and Responsibilities in History, is broad. This means you can choose a topic that allows you to explore your own interests, whether it's science, politics, the arts, education—you name it. Inspiration can come from most any place: local history, your textbooks, or perhaps recent headlines, TV shows or even the latest Twitter feed. As a student, it's your right to find a topic that you want to find out more about, but you also have responsibilities: to choose carefully and develop your NHD project in ways that best use your talents and abilities. Listed below are some examples of different kinds of projects that address this year's theme.

Let's think about this year's theme. What are rights? Are responsibilities always attached to rights? Are there times when rights protect some while disenfranchising others—and is that fair? Do we have economic rights? Are civil rights upheld at the same level for everyone in the United States? What are our rights as global citizens? And what about animal rights—do humans bear responsibility for non-humans? These are just a few questions you might ask as you begin your research.

Rights have taken many different forms.

America's founders believed that individuals had certain fundamental rights, simply by virtue of being human, but slaves did not share those "unalienable" rights. In other societies, rights depended on being a member of a group or class. The castes of Brahmin India and the aristocracy in England are examples of societies where birthright predetermined an individual's role. Human institutions—governments, churches, corporations and other entities—have also enjoyed rights, sometimes bestowed on them by their constituents, and sometimes self-bestowed.

With rights come responsibilities, whether they involve exercising rights within specified limits or ensuring the rights of others. You might find it tempting to focus mostly on rights in your project, but remember that this year's theme also encompasses responsibilities. Learning about and explaining the correlation between rights and responsibilities might

in fact help you become a better researcher and writer, in addition to deepening your understanding of your topic.

To explore a topic's historical importance, you have to answer the question, "So what?" You must address questions about time and place, cause and effect, change over time, and impact and significance. Always try to do more than just describe what happened. Draw conclusions about how the topic affected individuals, communities, other nations and the world as a whole. This helps give your research historical context.

Science and technology provide abundant topics. The conflict between the rights and responsibilities of scientists could be illustrated by a performance of Galileo's experience with the Roman Inquisition in 1633 or a documentary about J. Robert Oppenheimer and other Manhattan

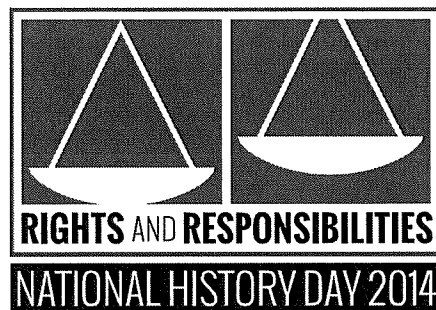
Project scientists who worried about the future of atomic and nuclear weapons. How has technology such as the printing press and television changed our views on our rights and responsibilities?

If you find politics intriguing, you might choose to explore the origins and impact of key documents related to rights. You

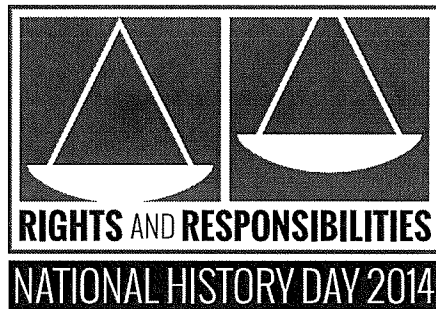
could write a paper investigating England's Bill of Rights in 1689—or the American version, written a century later. Students interested in local history might create an exhibit examining the development of their state constitutions or town charters, to discover the rights and responsibilities of people and governments and how they have changed over time.

Great thinkers have often deliberated the rights and responsibilities of individuals and society. A performance might analyze the origins and impact of Mary Wollstonecraft's feminism, while a documentary could explore the relationship between the Industrial Revolution and Karl Marx's views of the rights and responsibilities of workers and owners. What other thinkers or philosophers have influenced rights in history?

Specific rights can make excellent topics. A performance might probe the evolution of freedom of the press in America and the ethical obligations



required of journalists. A documentary could analyze the origins of the right to receive a free elementary education, found in the UN's Universal Declaration of Human Rights of 1948, which implies a governmental responsibility to provide free education. How did the legal right of slaves to buy their freedom affect Latin American societies?



Nations and governments also have rights and responsibilities. How did the extraterritoriality rights of Europeans affect 19th-century China? A paper might examine how the idea of the "White Man's Burden" affected American foreign policy early in the 19th century. The changing views of the American government's responsibilities for the poor

in the 20th century might make a good website.

You might choose to research the rights and responsibilities conferred by citizenship. A website could compare the meaning of citizenship in the ancient Greek City states of Athens and Sparta. The evolution of income tax in America would make an excellent exhibit, while a documentary could explore the duty of military service in a society such as Meiji Japan (1868-1912) or 20th-century Israel.

You might choose to research topics related to religion. An exhibit could investigate the relationship between the Mexican Revolution and the privileges the Catholic Church enjoyed in Mexico. What impact did the notions of religious duty have on the Crusades? A dramatic performance could recount the conflict between Ann Hutchinson's idea of religious freedom and governmental responsibility to enforce orthodoxy in 17th-century Massachusetts.

Perhaps you're interested in the rights and responsibilities of family members. A paper could analyze the practice of suttee, a custom formerly practiced in India in which widows were burned along with their husband's bodies, while an exhibit might discuss the development of married women's property rights in 19th-century America. How have the rights and obligations of parents and children changed over time in America and China?

The economy provides excellent topics. Compelling documentaries or performances could focus on events such as the Homestead or the Pullman Strikes of the 1890s, in which workers and owners struggled over rights. A paper could look at the development of corporate rights in America, perhaps focusing on court cases such as the Charles River Bridge case of 1837 or the conflict between corporate rights and government responsibility in the antimonopoly struggles of the late 19th and the early 20th centuries. A website might analyze the battle for land reform in a Latin American country such as Nicaragua, which pitted the rights of peasants against the rights of wealthy landowners.

Students can also examine the experience of different groups. A performance might analyze how economic and political changes affected the obligations and rights of lords and vassals in medieval Europe, while a documentary might explore the development of affirmative action in the United States. An exhibit could evaluate the consequences for Sri Lanka of the different rights of the Sinhalese and Tamil people while it was a British colony.

Whether you're focusing on a well-known event in world history or a little-known individual from a small community, you should place your project into historical perspective, examine its significance in history, and show development over time. All studies should include an investigation into available primary and secondary sources, analysis of the evidence, and a clear explanation of the relationship of the topic to the theme.

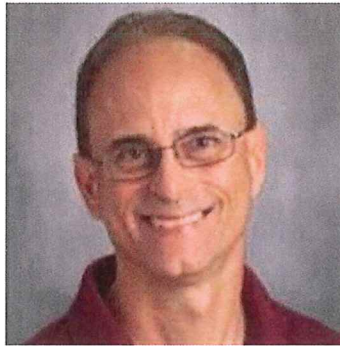
Many powerful projects could come from studying the denial of rights and the struggle to gain rights. An exhibit might analyze the role of different women's organizations such as the National Woman's Party in winning female suffrage, while a documentary could explore the impact of a key individual such as Mohandas Gandhi in earning India's political freedom. What events in the American Civil Rights Movement could be dramatized in performances?



For more information, contact:
National History Day, Inc.
4511 Knox Road, Suite 102, College Park, MD 20740
301.314.9739 info@nhd.org www.nhd.org



Refer to web site for local contest dates and information. National Contest: June 15-19, 2014



Mr. Smith

Greetings from Madison STEM!

I am Mr. Smith, your Aerospace Technology teacher. This upcoming year will be my 31st year teaching and my 2nd year in Madison's STEM program.

I'm originally from North Florida and graduated from the University of Florida (Go Gators! 😊). I have a range of certifications in the areas of science, gifted, English, exceptional student education, and elementary education. I love everything technology-related but particularly enjoy flying quads, building computers, rocketry, flight simulation, animation, and computer gaming.

I look forward to meeting and getting to know all of you!



Name: _____



8th Grade Aerospace Summer Assignment

As you know, 8th graders work on a year-long collaborative assignment, Capstone Innovative Project. Students create a unique product, which must have a positive impact on society. Students are required to work in a group, completing assignments that will encourage outside the box thinking, engineering your product along the way.

This summer, students are required to think of three ideas to “bring to the table” as an 8th grader. Alongside these three ideas, students are required to complete a sketch and short description of each idea. This will help you and your group get started early, which is VERY important!

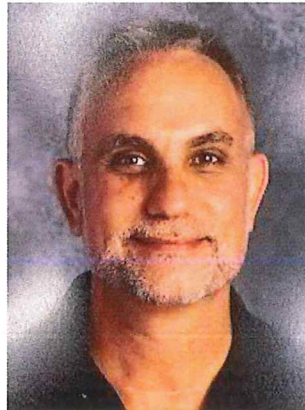
Be sure to know your product well. Think about things like who needs your product and how much your product might cost. Scour the internet to be sure your product isn’t already available! Consider taking an existing product and improving upon it.

For each of the three ideas, you must provide a detailed description of the invention, explain how this idea is innovative, and you must explain how this idea is innovative, and you must provide a detailed sketch of the product.

Possible Group Members: _____

A satellite with solar panels is in the top left, and a purple planet with orange rings is in the top right.

Meet the teacher



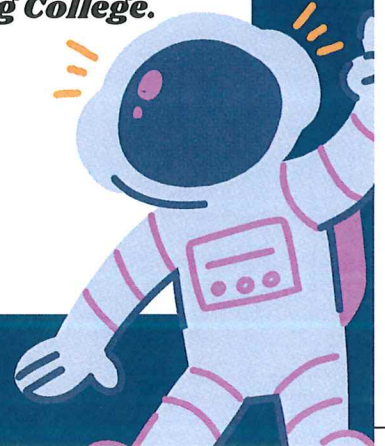
Hello Madison STEM students!
I am Mr. Daniele, your Math Teacher and the Math Subject Area Leader for Madison Middle School.

This will be my 28th year teaching Math in Hillsborough County. I have been here at Madison Middle School since 1999. I have been the Math teacher for the STEM team since its inception.

I hold a Bachelor's and Master's degree from the University of Florida and I earned my Teacher Certification from the University of South Florida.

In 2016, I was Madison's Teacher of the Year.

Fun Fact: I teach Economics at Saint Petersburg College.



Madison STEM Summer Math Assignments.

Use the link below or the class code for your Fall 2024 grade level class.
Complete the assignments and you will be ready for Mr. Daniele's Math class.

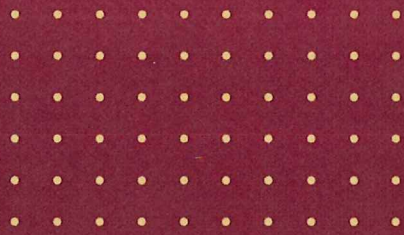
Assignments should be completed by August 9. A summer assignment grade will be entered as your first grade of the first quarter.

Honors Algebra STEM Math Summer 2024 Assignment

<https://www.khanacademy.org/join/U67PVGdQ>

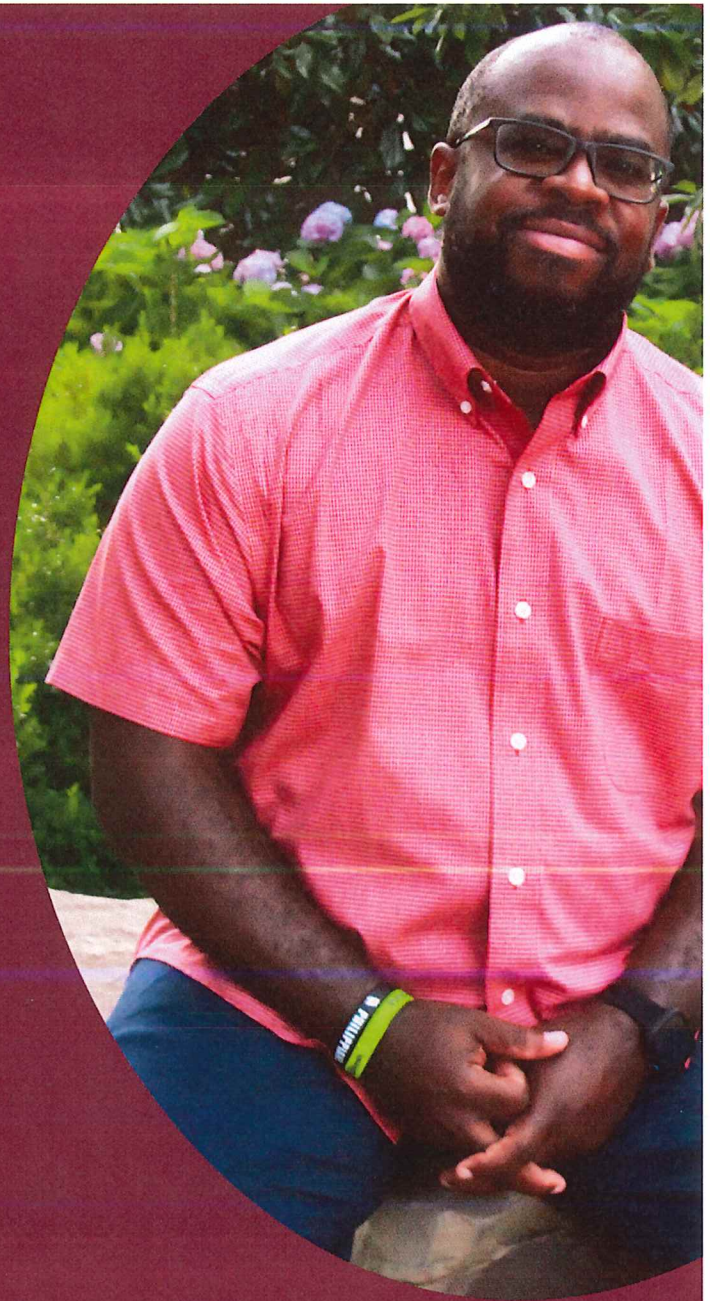
Students visit **www.khanacademy.org/join** and enter your class code **U67PVGdQ**

MR. GRAY



STEM SCIENCE

**FUN FACT: I AM AN
INTERNATIONAL
SUPREME COUNCILOR
FOR MY FRATERNITY,
ZETA BETA TAU!!**



Hello! My name is Mr. Gray, and I am thrilled for my next adventure teaching science in the Madison STEM program! I earned a Bachelor of Education in Science from Florida State University and am certified in Middle Grades Science, Technology Education, and K-12 Gifted. I come to Madison with 27 years of experience in the classroom. I've taught science most of my career; most recently, I taught robotics and technology at Monroe Middle School. I also have coached volleyball and track as well. I am excited to be back in the science world.

Name: _____ Date: _____

Science A-Z

Directions: Next to each letter of the alphabet, write down a topic about science that we have covered or that you know about. Next to the topic, write a brief (1-2 sentence) description of the topic. Scientific topics can include vocabulary words, scientific laws or theories, scientists, or other general science topics.

Letter	Topic	Description
A		
B		
C		
D		
E		
F		
G		
H		
I		
J		
K		
L		

M		
N		
O		
P		
Q		
R		
S		
T		
U		
V		
W		
X		
Y		
Z		