

Diversity Project

Emelia Blankenship

Mobile Apps

Block 1

Created a mobile application that allows students to select their school/classes, then share the assigned homework, and see the homework that others have posted.

App #5: Information Collective

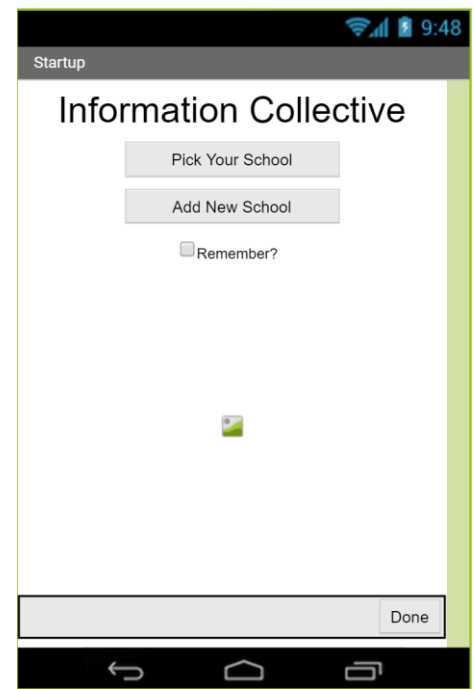


Developers: Emelia Blankenship & Hunter Harris

Problem: Students are constantly forgetting their homework, and school devices such as online planners are prone to errors.

Solution: Web of students contributing to a single database of all of the school's classes, and their assignments. Select your school and the classes you are enrolled in to display the upcoming assignments and mark when you have completed them.

Diversity Statement: This app is diverse because it is applicable to every student in any school, and it is open to everyone.



Visuals are a work in progress

App #5: Information Collective Code



English II

Block 2

Learned about challenges and benefits of diversity and compared people from our biographies to characters in Macbeth.

Diversity Project

**Nathaniel Rivera, Andres Morales-Merced,
Emelia Blankenship, Jordan Charlow**

**What are the challenges
and benefits of
considering diverse
differences and
contrasts in writing and
in life?**

Emelia: Duncan / Jaycee

— — —

Duncan and Jaycee both suffered from abuse, though Duncan's was entirely physical and Jaycee's was primarily mental.

Duncan:

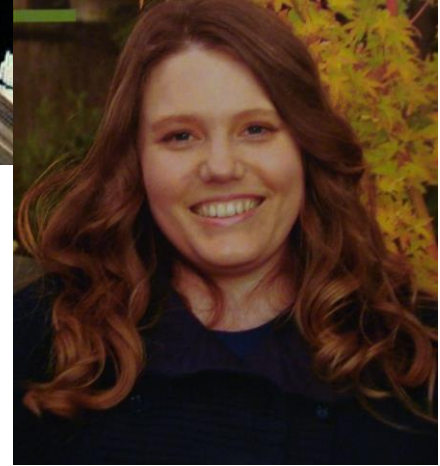
Killed using physical means by someone he had trusted.

Jaycee:

Jaycee was damaged mentally for the most part, though she did suffer from short term physical abuse.

"I've learned that verbal abuse can be just as damaging as physical abuse, and take longer to heal from"

-Jaycee Dugard



Real Life Challenges of Diversity

In real life, challenges of Diversity deal with heavy racism and gender equality issues.

Everyone is diverse and unique in their own way and most people don't see that and think everyone should be the same.

Real Life Benefits of Diversity

— — —

No matter how different people are, you can still find similarities in interesting and specific ways that connect people.

New insights from parties of different backgrounds and experiences makes a path for better ideas and choices.

**“We may have all come on
different ships, but we’re in the
same boat now.”**

— — —

– Martin Luther King Jr.

Pre-Calculus

Block 4

Wrote a research paper on
mathematician Grace Hopper

Chemistry

Block 5

Wrote a program in python that gives information about two elements and compares them, showing how diverse elements can be.

Element Diversity Project

Emelia Blankenship

MOLYBDENUM (Mo):

1. Basic Information
2. Similar Elements (properties, ions, isotopes, group or period)
3. Concerning Electrons

ARSENIC (As):

4. Basic Information
5. Similar Elements (properties, ions, isotopes, group or period)
6. Electron Info

q to quit

Which option would you like to expand? (Please input the number)

ELECTRON INFORMATION - MOLYBDENUM

Electron Config: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^2 4d^4$

Energy Level Electron Amount:

1st Energy Level- 2 electrons
2nd Energy Level- 8 electrons
3rd Energy Level- 18 electrons
4th Energy Level- 12 electrons
5th Energy Level- 2 electrons

Total Sublevels: 10

Highest Energy Level: 5

Valence Electrons: 2

Dot Diagram:

••

Mo

Orbital Diagram:

4p ⁶	5s ²	4d ⁴
[↑↓]	[↑↓]	[↑]
[↑↓]		[↑]
[↑↓]		[↑]
		[↑]
		[]

Partially Occupied Orbitals: 4

Press enter to return.

ELECTRON INFORMATION - ARSENIC

Electron Config: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^3$

Energy Level Electron Amount:

1st Energy Level- 2 electrons
2nd Energy Level- 8 electrons
3rd Energy Level- 18 electrons
4th Energy Level- 5 electrons

Total Sublevels: 8

Highest Energy Level: 4

Valence Electrons: 5

Dot Diagram:

••
•As•
•

Orbital Diagram:

4s ²	3d ¹⁰	4p ³
[↑↓]	[↑↓]	[↑]
	[↑↓]	[↑]
	[↑↓]	[↑]
	[↑↓]	
	[↑↓]	

Partially Occupied Orbitals: 3

Press enter to return.

U.S. History

Block 6

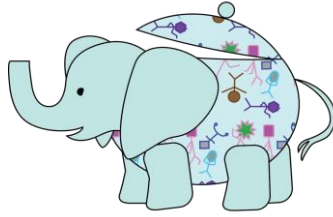
Created a website that provides information on Western Expansion, also known as Manifest Destiny.

<http://egblip.com/westexp>

Fundamentals of Design

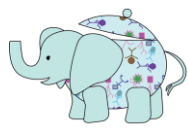
Block 7

Planned an event to celebrate African History Month and inform the public about the African culture. Through tea.



ELEPHANTY

Eva Hallstead-Williams and Emelia Blankenship



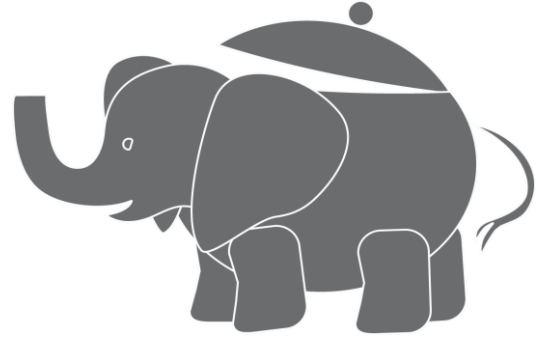
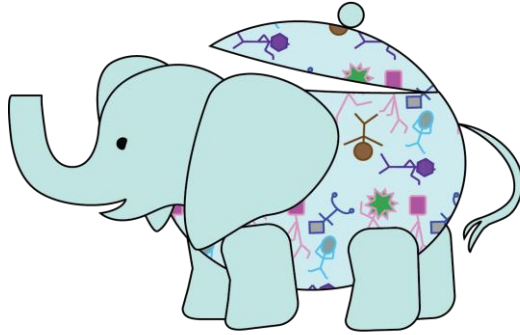
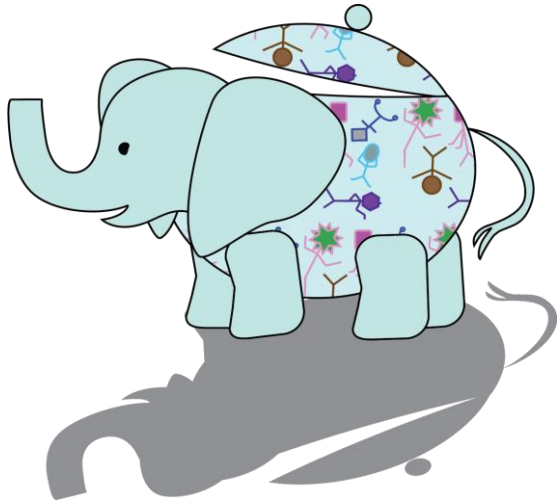
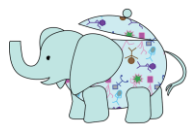
WHAT IS ELEPHANTY?

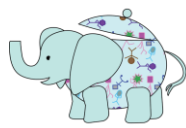
Our mission is to bring classic English-American tea parties alive in the most pristine fashion, for the less privileged citizens of Africa, home of the African Elephant. This will happen through celebrating the diversity of African Americans, by holding events where learning about their culture is encouraged.



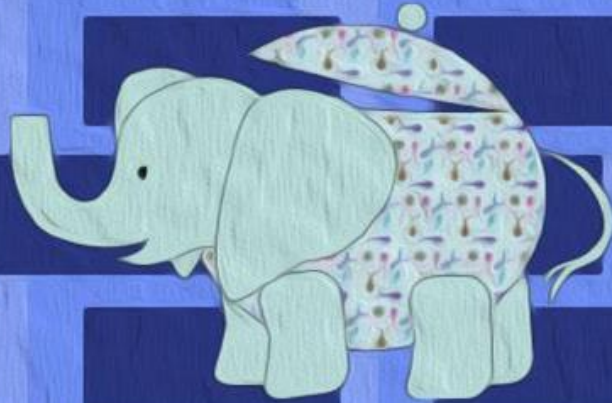
This month we will sponsor Black History Month.

LOGO





Elephanty (Elephant Tea)



Join our Campaign
to Give Tea to the Less
Fortunate

T-SHIRT

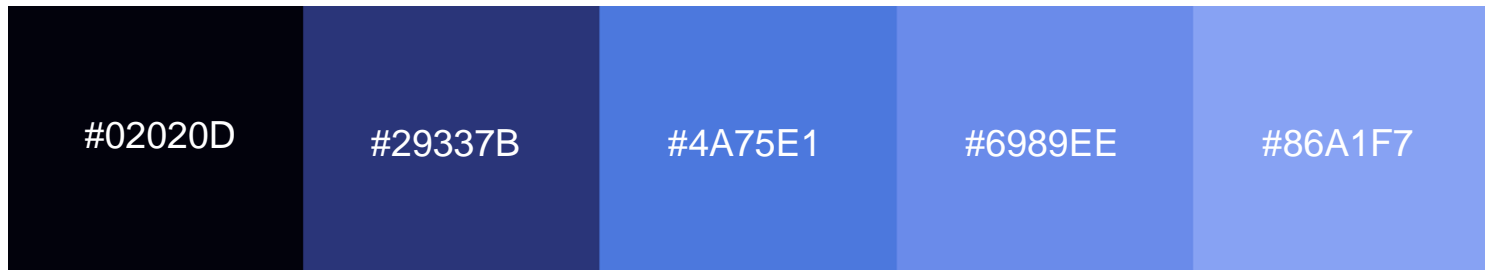


GIVE AWAY ITEM

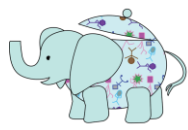




COLOR SCHEME



WEB PAGE BANNER



Diversity

I learned that diversity effects all subjects and all people and is unavoidable. The flow of new ideas and new insights can benefit any field of work and even everyday life as we solve problems.