




# MC Packs Project

“Red Flowers of Giving”

Survey of Technical Math, Fall 2021  
Dr. Jennifer Paulk  
Northwest Arkansas Community  
College  
Bentonville, AR 72712

Created By:  
Tiffany Akins   
Angela Swanepoel  
Luis Ortiz

# Introduction

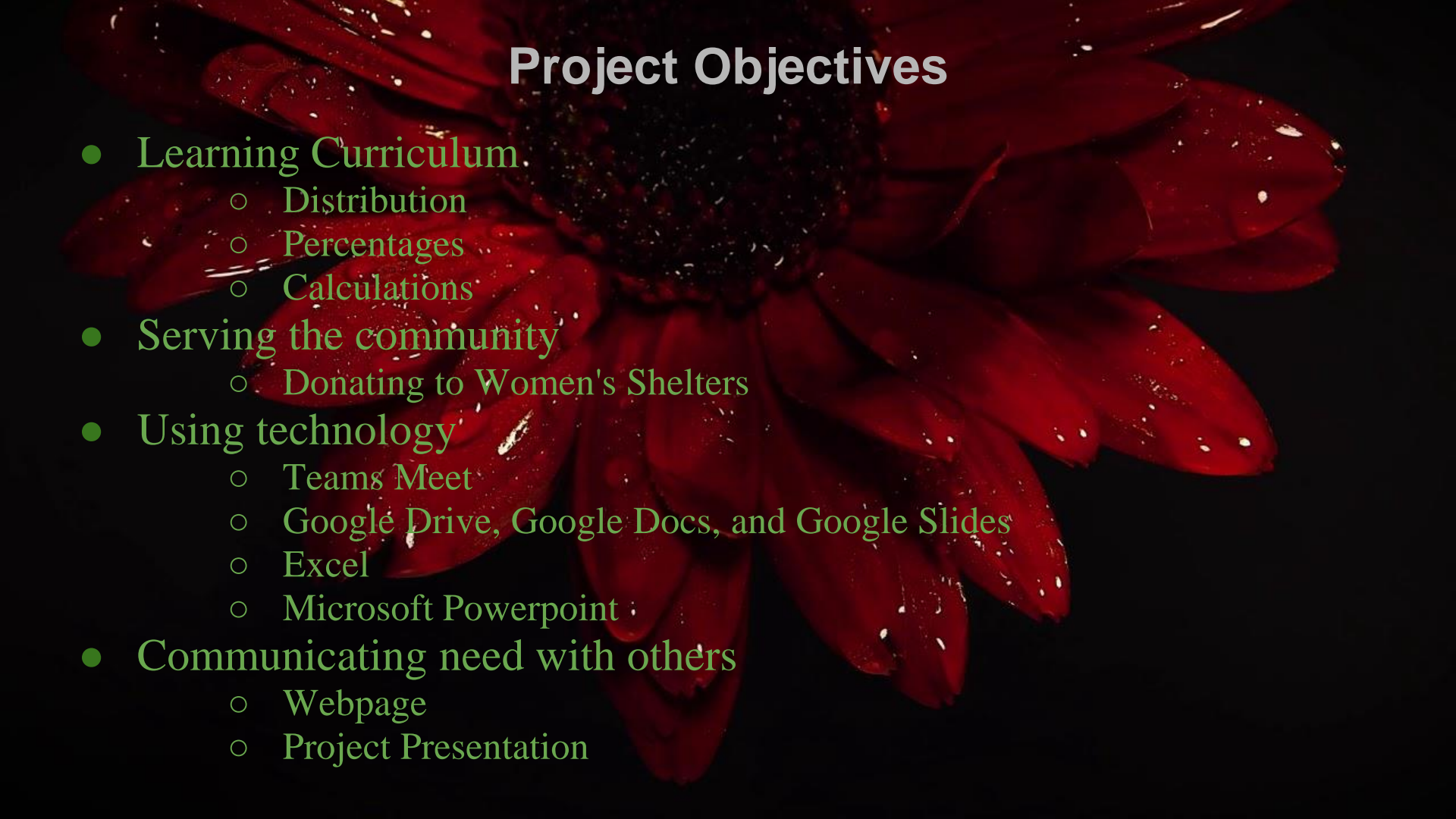
As Students we were assigned and Empacts project as a group assignment for Survey of Technical Math. Our choice was to help young women in shelters in our community with Feminine hygiene needs. Many women in shelters have a history of violence and trauma.

Because of our past experiences that we have had in this area we were drawn to this project because we understand the need for empowerment and a hope for the future as well as these types of items and the embarrassment of not having these items. This is a short video explaining the effects of trauma.





# Project Objectives



- Learning Curriculum
  - Distribution
  - Percentages
  - Calculations
- Serving the community
  - Donating to Women's Shelters
- Using technology
  - Teams Meet
  - Google Drive, Google Docs, and Google Slides
  - Excel
  - Microsoft Powerpoint
- Communicating need with others
  - Webpage
  - Project Presentation

# Procedures of project

- Brainstormed
- Worked as a team
- Determined resources
- Met with Prof Phillips, Dr. Matt Evans, and Dr. Paulk to learn process and community contacts
- Collected items for MC Packs
- Collected data to analyze need in the community
- Generated data tables
- Produced graphs of data
- Analyzed data to determine future need
- Presented the project

# Processes



As we started our project our group got together to figure out meeting times as well as what we would need to do to fulfill our project.

- We started with meeting with Professor Phillips to go over a plan on how to accomplish our goals.
- She then introduced us to Dr. Evans who helped with our solicitation letter to distribute through our community. After receiving a copy of our letter we changed it to make a flyer to distribute.
- We went door to door handing out flyers to our neighbors and friends. We passed out 200 fliers.
- Tiffany also was able to get us a sponsorship from Sam's Club. After picking up all of our donations we made a plan for distribution.
- We made MC Packs and distributed them.
- We also made a spreadsheet of our donations along with making pie charts and graphs for our presentation.

# Donations

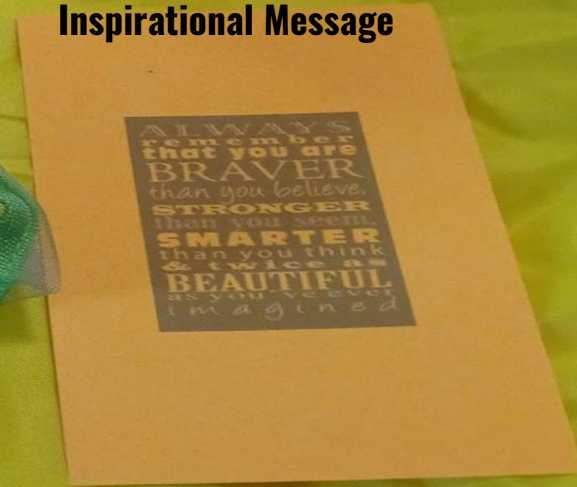
## Community & Sams Club







- Nylon Backpack**
- 18 Regular Tampons**
- 4 Super Tampons**
- 10 Pads**
- 2 Pairs of panties**
- 2 Vagisil cleansing wipes**
- 3 pieces of Dove chocolate**
- Mesh Beauty bag**
- Inspirational Message**



**Menstrual Cycle (MC) Pack - What's inside!**

# Selection Of Facilities

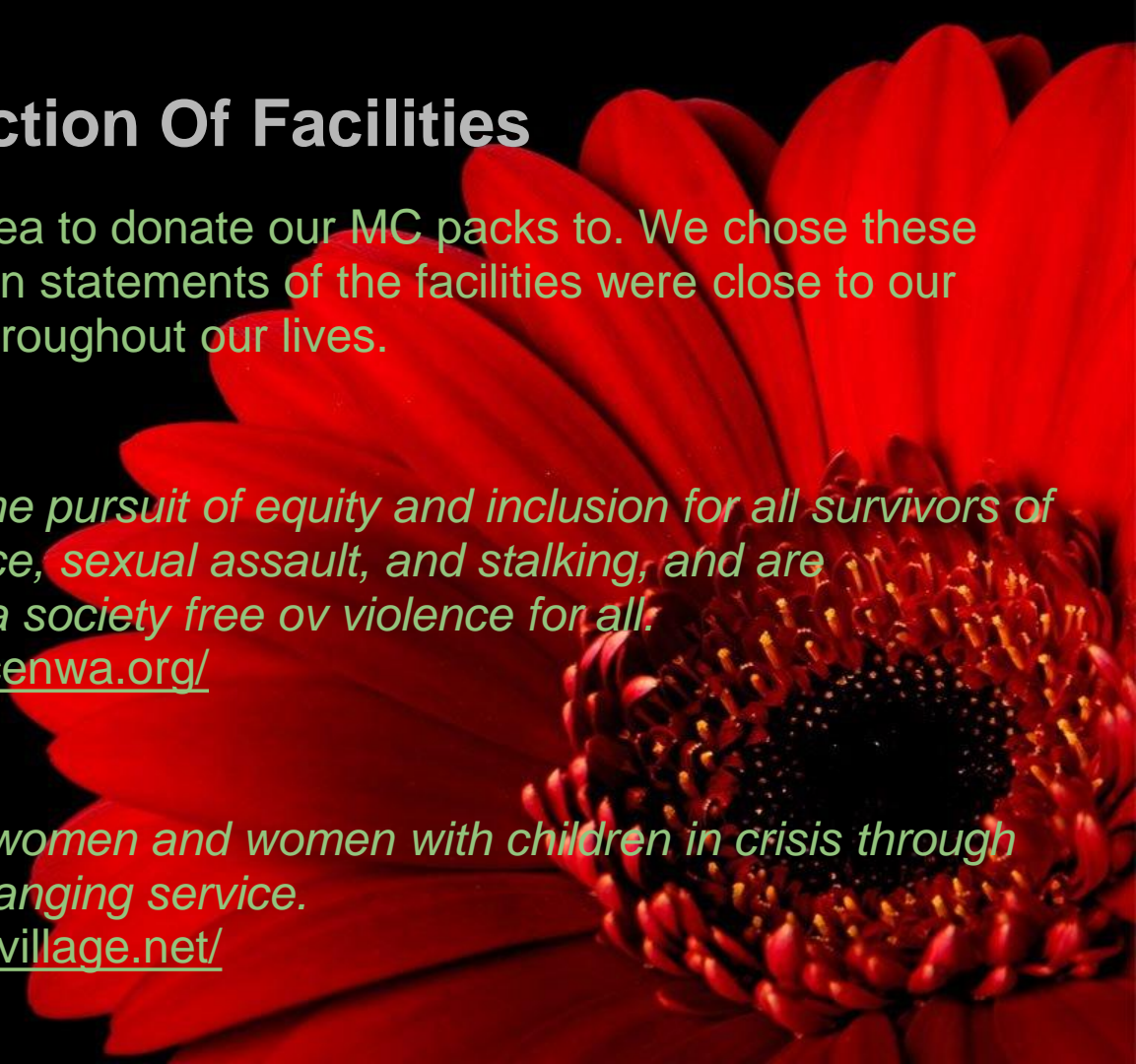
We chose two facilities in our area to donate our MC packs to. We chose these two facilities because the mission statements of the facilities were close to our hearts as well as experiences throughout our lives.

## Saving Grace

- ❑ *We are committed to the pursuit of equity and inclusion for all survivors of intimate partner violence, sexual assault, and stalking, and are committed to creating a society free of violence for all.*
- ❑ <https://www.savinggracenwa.org/>

## Restoration Village

- ❑ *To restore the lives of women and women with children in crisis through safe shelter and life changing service.*
- ❑ <https://www.restorationvillage.net/>





# Empowerment

*Always Remember*

*That you are Braver than you believe.*

*Stronger than you seem.*

*Smarter than you think & Twice as*

*Beautiful*

*As you ever Imagined.*

Because we know how it is to be in situations such as this, We wanted to leave a message of empowerment so the ladies know they are not alone.

# Curriculum

How we used math in the project.

- Calculating the donation amounts
  - Number of products
  - Cost of products
- Percentages of distribution and product
  - Pie charts and graphs
  - Total amount given to each facility
- Distribution
  - How much given to each facility



# Restoration Village



# Saving Grace



# Donation List

A1:G1    fx    Empact Project Donation List						
	A	B	C	D		
2	Product	Count per Box	Number of boxes	Total Amount	Price per item	Toatal Price
3	Fresh Times Panty Liners	40	2	80	\$ 0.88	\$ 1.76
4	Equate Ultra thin Pads	42	1	42	\$ 4.98	\$ 4.98
5	Mesh Beauty Bags	4	8	32	\$ 4.88	\$ 39.04
6	Equate Every day liners	108	1	108	\$ 4.98	\$ 4.98
7	Equate regular Tampons	36	1	36	\$ 4.14	\$ 4.14
8	Nylon Backpacks	16	2	32	\$ 19.99	\$ 39.98
9	Hospital Pads	17	0	17	\$ 0.37	\$ 6.29
10	Hospital Panties	2	0	2	\$ 2.37	\$ 4.74
11	Equate Regular Tampons	18	5	90	\$ 3.00	\$ 15.00
12	Equate Thin Pads Long	16	3	48	\$ 3.76	\$ 11.28
13	Equate thin pads Regular	16	1	16	\$ 3.76	\$ 3.76
14	Equate Pads Super long	16	1	16	\$ 4.98	\$ 4.98
15	Kotex U Security Pads	56	1	56	\$ 6.99	\$ 6.99
16	Platex Tampons Super +	36	1	36	\$ 6.99	\$ 6.99
17	Platex Tampons Super	36	1	36	\$ 6.99	\$ 6.99
18	Tampax Pearl Tampons Super	20	2	40	\$ 6.49	\$ 12.98
19	Kotex U Tampons Super	18	1	18	\$ 4.00	\$ 4.00
20	Kotex U Tampons Regular	18	1	18	\$ 4.00	\$ 4.00
21	Always Ultra Thin Pads	92	18	1656	\$ 13.28	\$ 239.04
22	Tampax Pearl Tampons Regular	96	18	1728	\$ 14.68	\$ 264.24
23	Reebok Seamless Panty (Lg. 12-14)	5	7	35	\$ 12.98	\$ 90.86
24	Reebok Seamless Panty (M 8-10)	5	6	30	\$ 12.98	\$ 77.88
25	Equate Tampons Regular	40	1	40	\$ 5.00	\$ 5.00
26	Stayfree Maxi Pads Regular	66	1	66	\$ 6.44	\$ 6.44
27	Vagisil Hygiene wipes	16	4	64	\$ 2.97	\$ 11.88
28	Dove Chocolate	96	1	96	\$ 12.98	\$ 12.98
29	Oxford printable neon Index card	100	1	100	\$ 7.17	\$ 7.17
30	Astrobrights Colored paper	120	2	240	\$ 3.97	\$ 7.94
31			<b>Total Product</b>	<b>4778</b>	<b>Total Amount</b>	<b>\$ 906.31</b>

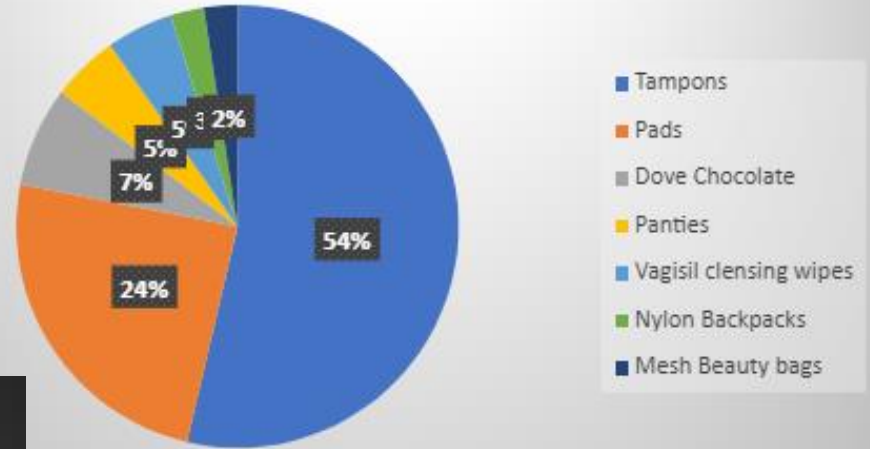


# Percentages to each shelter and inventory

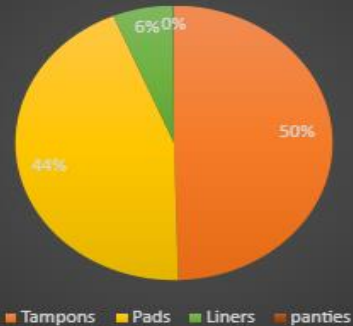
Total Donations



Saving Grace Donations



Restoration Village



[Data Tables](#)

# Products of Learning Experience

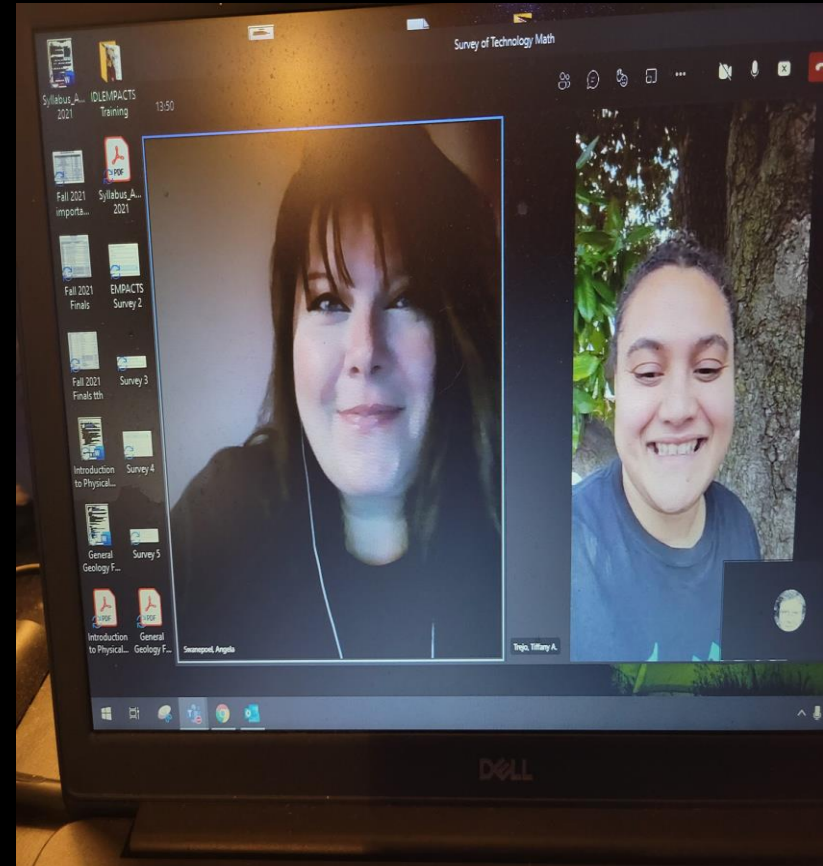


- Making the MC Packs
- Distributed the Packs
- Developed a process to determine if the need should be met with corporate or non-corporate donation.
- Developed Skills as individuals and teams
  - Use of technology
    - Google Drive
    - Google Docs and spreadsheets
    - Excel
    - Microsoft word
    - TEAMS for team meetings
- Produced
  - Final presentation
  - Presented the final presentation both orally and on a website



# Skill sets developed

- **Math concepts**
  - Distribution
  - Percentages
  - Calculation
- **Social Skills**
  - Working as a team
  - Interpersonal communication skills
  - Listening Skills
- **Communication**
  - Emails
  - Voicemails
  - Text messages
  - Knowing when to ask for help
- **Technology**
  - PowerPoint / Google slides
  - Excel spreadsheet
  - Pie Charts and Graphs
  - How to create a Teams Meet



# Teamwork involvement

- Angela made sure to keep us updated on the days of the meeting
- Tiffany made sure to catch up on information
- Emails were always responded too
- Made sure we knew whose role was what.
  - Accommodated to each of everyone's schedule
    - Angela is a new student working on an associates degree
    - Josh is a cook and full time student
    - Luis works full time job and a full time student
    - Tiffany has one class left to earn her Associates Degree and kids to take care of.



# Acknowledgements

The background of the slide features a close-up photograph of several pink heart-shaped flowers, likely bleeding hearts, hanging from a brown stem. The flowers are in various stages of bloom, with some showing white and yellow centers. The background is dark and out of focus.

Jennifer Paulk, Phd., Instructor, Survey of Technical Math

Professor C. Dianne Phillips. EMPACTS Facilitator and Mentor,

Matthew J. Evans Phd., Service Learning Coordinator

The Library Staff of NWACC

Sam's Club

Anonymous Community Donors

A vibrant floral arrangement featuring a variety of red and pink flowers, including dahlias and roses, interspersed with purple berries and yellow lemons. The arrangement is set against a dark, textured background, creating a rich and colorful composition.

## Future Plans

In the future we plan to continue our work with the community. We plan on doing donations every year to the same facilities, as well as a hope to expand and become able to donate to more facilities. Our first steps in this process will be to open a foundation named “Red Flowers of Giving” to help the women's shelters in our area with the feminine hygiene products for the women in their shelters. We also hope to be mentors, and empowering these ladies with hope for the future.