

Brockport GaGa Ball Thesis

Coby Albone

The College at Brockport

Brockport's Honors College

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### GaGa Ball: The Project

As each student takes on the responsibility of being accepted into The College at Brockport Honors College, they are required to have an understanding of the curriculum in order to graduate. The College at Brockport Honors College requires each student to complete a thesis as their capstone project.

Similar to many of the other students given this task, I didn't know what I wanted to pursue. I knew that it had to concern our field of study, but what could I do? The word "what" ran through my mind constantly. What if I couldn't find enough information on my topic? What if I ran out of time? Every time I thought about this overwhelming task, the word "what" would always appear. I never thought that finding a topic would be such a challenge. I had always thought that a thesis was a really long paper on some aspect of your field of study that you find interesting enough to research. I am passionate about having people stay active and live long, healthy lives with an array of physical activities that they enjoy. This was the guiding purpose of my thesis.

After thinking through my ideas, regarding what would be an appropriate thesis, I spoke to the Honors College Director, Dr. Busch. The purpose of these meetings was to share my idea to build a GaGa Ball pit and to determine if it would be an appropriate thesis. I wanted to give back to the community in some aspect through my work. If I wrote a thesis, only a handful of people would read the work. I like to think of myself as a man of action. Building a structure is something that could affect many people. As I said, completing a traditional thesis didn't seem fulfilling for me; however, building a GaGa Ball pit for students did feel fulfilling.

Around the world, sports play a significant role in many individuals' lives. In the United States, 75% of adolescents have participated in one or more extracurricular sport before they

graduate from high school (Linzmeier, 2016). This indicates that sports are an important part of their lives, and have provided meaningful experiences. A new and exciting way to keep the population engaged in physical activity is the game of GaGa Ball.

This game combines strategies and skills from other games and is appropriate for players of all ages and skill levels. However, GaGa Ball offers a new style of game that can be an alternative to traditional games, such as soccer or hockey, and would allow people to stay physically active. Specifically, if individuals are looking for an alternative activity, GaGa Ball is a fun, fast paced, intense sport that everyone can participate in, regardless of their skill level. Each game only takes a few minutes to play, which can offer more time for many players to be involved. GaGa Ball still has elements of traditional sporting games such as competition, speed, accuracy, and strategy.

With the game rapidly growing, offering many benefits, and the village of Brockport lacking a GaGa Ball pit, the objective of this project was to build a GaGa Ball pit within the community. I felt that students would really enjoy an alternative way to stay physically active. After planning the project and receiving the necessary funds, I was able to build a GaGa Ball pit at the Sweden Clarkson Recreation Center.

This thesis is divided into five sections. In the first section, I outline the rationale for building a GaGa Ball pit, explain the rules of this game, and discuss the construction of the pit. The second section outlines the methodology used to complete the project. In the third the section, I outline the results of the project. In section four, I reflect on the process and implementation of the project. Section five examines the future directions including, but not limited to, the implementation of further community-based projects.

### **GaGa Ball Description and Rationale**

The game is played with a soft foam ball, and requires a combination of striking, dodging, jumping, and running. While playing GaGa Ball, players attempt to hit opponents with a soft foam ball, below the knees. Once in the GaGa Ball pit, players need to keep moving to avoid getting hit. GaGa Ball is played until there is one person left. After a winner is crowned, everyone jumps back in and a new game begins.

Gaga Ball can be played either indoors or outdoors in an octagonal structure. A standard octagon's dimensions include 8-foot-long side rails, with a diameter of 20 feet long from rail to rail, and 22 feet from corner to corner. The sides are from 20 to 48 inches in height. Most pits are made from either wood or plastic and the game is played on a soft surface or grass. The pit I built was made from wood and custom brackets. It had the standard dimensions of 8 feet by 8 feet, while the surface area of the pit was grass.

GaGa Ball has rules that are very simple to follow. To start the game, fifteen to twenty players will enter the pit (although fewer players can take part) and get ready. As this is an individual game; teamwork is not involved. In most cases, the players will have to self-referee. To begin the game, all players have one hand touching a wall of the octagon. Once everyone is set, a ball is thrown into the middle of the pit, and as soon as the ball bounces twice, the players yell, "Ga - Ga". On the third bounce, the players yell, "Ball" and this begins the game. At this point any player in the octagon can hit the ball with one or both hands. There is no order regarding who hits the ball. If the ball touches a player below the knee, either hit by another player or themselves, the person hit will be out and must leave the pit. If a player is hit above the knees, the player who struck the ball is out. If a player hits a ball out of the pit, that player is eliminated. If a ball is hit out of the pit and a player that has already been eliminated catches the

ball without it bouncing, that person is back in the game. The walls of the pit can help some players jump, but players cannot sit on the ledge of the octagon. The ball cannot be held and must be struck with an open hand, either one or both hands. The more people that become involved at the beginning of the game, the better since it adds more energy.

As GaGa Ball involves winning and losing, and it provides opportunities to learn how to win and lose. The game allows for children to build resiliency, and learn how to deal with losing with grace. There will be another chance to win. The game requires various fundamental skills that children need to know for activities of daily living and other traditional games and sports. As the game continues, players can start to watch how opponents play and create a strategy to beat them.

As a future physical educator, I want the activities I teach to work on the three domains of student learning: psychomotor, cognitive, and affective. GaGa Ball addresses all three of these domains. With regards to the psychomotor domain, players work on their locomotor skills (jumping, hopping, running) and manipulative skills (striking, catching). The cognitive domain focuses on the understanding of the game and the development of strategies. GaGa Ball involves the affective aspect more than one may think. Having players learn how to self-referee games, and deal with the emotions of winning or losing constantly happens while playing GaGa Ball.

### **Research Question**

In order to implement my thesis, I needed research questions that would keep me focused as I continued with my project. Three questions were: i.) How can a Gaga Ball pit be beneficial to the Brockport community; ii.) How would the pit be built; iii.) Where would the pit be located? I answered these questions through talking to public officials and significant community

members. Having conversations with these individuals helped me to conceptualize and realize this project.

In order for others to replicate my project, it was important that they understand the game. To this end, based on a literature review, I have outlined the purpose, benefits, and the rules of GaGa Ball. Additionally, I have included the blueprints for building an octagon, as well as my methodology including, but not limited to identifying the site, precuring of funds and building the GaGa Ball pit.

### **Methods**

At the start of my project, I had to identify an advisor who could help me successfully implement my project. I picked Dr. Collier because of his connections within the Brockport community and his successful work with community organizations dealing with students. I talked to Dr. Collier, and he agreed to act as my supervisor. As we started, he put me in touch with members of the community, who would be able to assist in the project.

The first person I contacted was Mr. Jack Milner who had has many connections within the community. Previously, he was the supervisor of the Town of Sweden, and as well, was the principal at Brockport Middle School. Currently, Mr. Milner is a member of the Sweden Community Recreation Foundation that, during the summer of 2019, constructed a playground in Sweden Town Park. I knew Mr. Milner through his work with the Westside Tennis Program. I was able to schedule a meeting with him to talk about what had to be done to successfully construct the GaGa Ball pit. On May 2<sup>nd</sup>, 2019, Mr. Milner and I met identified best route for us to move forward with the project. At the conclusion of the meeting, we had identified the two-potential locations: The Sweden/Clarkson Recreation center and an Ginther Elementary School within the Brockport Central School District. Mr. Milner had connections with members of the

board at both locations. Mr. Milner had follow up discussions with the athletic director of the Brockport Central School District and the director of the Sweden/Clackson Recreation center, Dr. Collier and I decided to pursue the Sweden/Clarkson Recreation Center site option. After governmental approval, we began work with the Sweden Clarkson Recreation center staff, particularly Ms. Jill Wisnowski.

Ms. Wisnowski, the executive director of the Sweden Clarkson Recreation Center, was supportive throughout the entire process of building the pit. I first contacted Ms. Wisnowski during the last week of May. We discussed a time for Dr. Collier, Ms. Wisnowski, and myself to meet and discuss building the pit at the Sweden Clarkson Recreation center. At our first meeting (May 30<sup>th</sup>, 2019.) We talked about why I was building the pit and discussed the spaces that she felt would be appropriate. The meeting went over well, and I felt that the pit already had an unofficial home. Subsequently, Ms. Wisnowski confirmed that we were able to build the pit at the Sweden Clarkson Recreation Center. Additionally, Ms. Wisnowski helped out with the application process for a grant from the Sweden Recreation Foundation. After I the green light to build, I had to pick a date to build the pit and let her know.

To begin with, I thought constructing a GaGa Ball pit would only cost approximately two hundred dollars. However, additional research indicated that the building and materials were going to cost above 1,000 dollars. Regarding materials, “Coach Cliff’s Gaga Pits.” (<https://www.gagaballpits.com/>) seemed to be the best choice in that this company sold custom corner brackets (that attach the wood sides to each other), top covers for the pit, ADA complaint doorway, metal game rules sign, and gaga balls (Appendix A). The total of this equipment was \$1,138.00, excluding the wood. Although pits can be built for less, they would not be as durable.

## **Fundraising**

As noted, in order to construct the GaGa ball pit, significant funds had to be raised. I was concerned about having members of the community understand and support my project since it was such a new game in the Western New York region. To start off, I needed to have a budget that showed the cost of materials and labor. Thus, I created a spreadsheet that indicated what had to be purchased (Appendix B). As noted, money had to be raised, therefore I wrote a letter describing what my goals were with this project (Appendix C).

To begin with, I identified businesses that sold lumber and drafted a letter asking for donations. I knew I would need lumber (2x8x10), so I looked at local lumber yards. Lowe's (Brockport, New York) was able to donate a \$25.00 gift card, while Stockham Lumber Co. (Holley, New York) donated all hardware, and sold the wood at cost. The total cost of Lumber was two hundred fifty-eight dollars and fifty-eight cents.

The next business I approached was Jimmy Z's Shakes & Plates (Brockport, New York). The owner, Mr. Jimmy Zisovski, has done a lot of work with the Brockport community. I spoke with Mr. Zisovski and set up a meeting for June 1<sup>st</sup>, 2019. I met with Mr. Zisovski to discuss the project and the funding needed for the pit. Mr. Zisovski was willing to donate funds of \$1,200 towards the project. I was surprised that one individual and one small business would be willing to do this. Mr. Zisovski seemed to be really on board for the pit since it would allow the youth in the community to stay active and move.

With regard to funding, what remained were funds to pay a professional carpenter to assist in the building. Mr. Wayne Zyra, the president of the Sweden Community Foundation board, agreed to put Dr. Collier and myself on the agenda for the board's May 28<sup>th</sup> meeting. At the board meeting, we presented our grant and answered a number of questions. At first, some

board members were concerned about whether the game would be accessible and able to be played by all children. I talked about how the pit would have an ADA complaint doorway, so that all students, including those with disabilities, would have the opportunity to play. Subsequently, the Sweden Community Foundation approved \$400 for the project allowing us to hire a builder.

When it came to building the actual pit, it took some time to find a date when everyone was available to work. Additionally, there was a lot of construction going on at the center limiting our options. On Saturday, July 28<sup>th</sup> 2019, my father, Mr. Doug Keener, and myself met at the Sweden Clarkson Recreation center. My father and myself had picked up the wood a few weeks beforehand and taken it to the center. Mr. Keener met us at the center with the necessary tools. We started at roughly 11:00 a.m., laying out the brackets and lumber. Subsequently we sized the lumber, drilled the holes for the hardware and assembled the pit. The total assembly time was eight hours.

I contacted Stanton Signs from Medina New York, and they donated a small plaque, thanking everyone for their contributions to the project. The plaque had the names of Jimmy Z's Plates and Shakes, Stockham Lumber Co., Dr. Doug Collier, Mr. Jack Milner, and the Sweden Community Foundation (Appendix D).

### **Results of Study & Interview**

I called the executive director, Ms. Wisnowski, the week after the GaGa Ball pit was built and she indicated that the children at the center loved having the new pit there. The community center felt that the GaGa Ball pit was a great addition to the center.

In order to get more objective data, regarding the GaGa Ball pit I constructed an open-ended questionnaire. At the time of the interview, the GaGa ball pit had been used for almost four months. I was able to contact Ms. Wisnowski to talk about how the project has been

received and used. Ms. Wisnowski answered the questions via email. The first question that I asked her was how many members they have enrolled at the community center. Ms. Wisnowski stated that the center's number of members are constantly changing, but from January 1<sup>st</sup> to September 30<sup>th</sup>, they had 87,478 people utilize the community center. Out of that number, about one third were school aged children ranging in age from three to eighteen. The youth at the center ranged in age from three to eighteen. Most of the children were between the ages of ten to twelve.

Most of the students that visit the facility are involved in before and after school programs. The before and after school program involve students from kindergarten to sixth grade. Although there isn't a consistent roster of children. The daily average ranges between thirty and thirty-five children. Incidentally, a majority of these children also participate in the summer camp program.

In terms of the use of the pit, Ms. Wisnowski indicated that the children used it every day, weather permitted. According to Ms. Wisnowski, "the impact of having the pit has been all very positive. The children have loved having the GaGa pit." Through other, informal, conversations I've had with Ms. Wisnowski, she has had nothing but praise for the pit. She noted that the staff has appreciated having the GaGa Ball pit as an additional activity.

The Sweden Community Foundation had expressed concerns about game play. Thus, a number of questions examined the play within the pit. I was curious as to who was winning the majority of games. Was it the same few students or an array of students? Are all the students able to play? Have there been any issues such as targeting or bullying? Had there been any injuries from game play? Lastly, were students able to understand the rules effectively? According to Ms. Wisnowski, the staff had seen a handful of players that consistently won, but this depended on

the day and who was playing. If the staff saw someone winning consistently, they broke the students into groups in order to give other children a chance to succeed. The staff tried to let more skilled players play with more competitive players. The games became so popular that the pit would not fit everyone, thus the students had to take turns to play. Other than that, everyone that wanted to play, was able to. There have been no reports of bullying, targeting, or injuries. Ms. Wisnowski noted that there were, “not any injuries, it isn’t any more safe or unsafe than other activities that children participate in.” This supports that GaGa Ball being a relatively safe and child friendly activity.

The final question focused on the overall process of building the pit and future directions for the pit. For the overall building process, Ms. Wisnowski was pleased. As noted in the answers on the questionnaire, “Coby did all the leg work and building. The process was seamless for the recreation department.” Ms. Wisnowski stated that the center has benefited immensely from having the pit. Looking to the future, the community center has had such a positive experience with the pit that they are looking to build another one in 2020.

### **Discussion**

Reflecting upon my experience, building the GaGa Ball pit has been a great opportunity. When I first considered my thesis, I had no direction, but ultimately, I think that my project was a great fit for what I wanted to accomplish and gave me great satisfaction. I expected more leg work for organizing my project. I think that Dr. Collier was a great choice as an advisor and I appreciate him taking on this task. He was able to connect me to great people within the Brockport community. Although I underestimated the total cost of the pit, I am very happy with the way we went about funding the build of the pit. I thought that there would be much more work fundraising. I thought that each place that I approached would only donate a small amount,

if anything. Having Jimmy Z's Plates & Shakes fund most of the project was great and I am forever grateful for that.

The time spent building the project took longer than expected ultimately it was very useful to have a trained carpenter on site there to direct the building process. Mr. Keener was able to use his experience and knowledge to make sure that the build is of the pit went as smooth as possible. Once I finished with the actual physical piece of the project, I was very happy with how everything worked out.

Writing up a final report about this project hasn't been the most enjoyable aspect of the project, but was needed and added quality to the learning experience. I have learned a lot about the writing process and improved my skills. Everything that I have experienced in this project will benefit me in one way or another, so I wouldn't trade them for anything. I feel confident in the project and enjoyed the process including both the positives and the negatives that came along with it. It was a great learning experience about grant writing, networking, budgeting funds, and meeting with different personnel

### **Future Direction**

Looking to the future, I have a few ideas about what I would like to pursue. With regard to disseminating this work, I will present my project at The College at Brockport's annual Scholar's Day. Subsequently, I will submit the project for publication in a practitioner oriented physical education journal.

The project gave me insight about how to handle future community-based projects and, relatedly, I have had an introduction into grant writing and interacting with public officials in order to get ideas into motion. I hope to be able to give back to my community in the future, by identifying, planning, and implementing capitals projects that benefit students – particularly in

the areas of movement, sport and physical education. I enjoy being able to help young learners in ways that brings community members together.

The experience of putting my ideas into action was tremendous and, as mentioned, I learned a lot. Although this has been a challenging process, from the first steps of coming up with an idea to the completed, end product. I now have a better understanding of all that goes into implementing such a project in the community.

Appendix A  
Coach Cliff's Purchase Sheet

**BILL TO**  
James Zisovski  
53 Main St  
Brockport, NY 14420  
dougcollier95@gmail.com

**SHIP TO**  
Coby Albone - ES Project  
Sweden/Clarkson Recreation  
Center  
4927 Lake Road S  
Brockport, NY 14420

**INVOICE #** 30181  
**DATE** 07/02/2019  
**DUE DATE** 07/02/2019  
**TERMS** Due on receipt

**SHIP VIA** FEG  
**P.O. NUMBER** Coby A - ES Project  
**SALES REP** AC

QTY	SKU	DESCRIPTION	RATE	AMOUNT
1	00830-BLU	OCTAGON 30H - BLUE Gaga Ball Pit Bracket System: 8-Cut 30H brackets, Template, Assembly Instructions, Fastener Pack and Cut-Out templates and instructions	520.00	520.00T
8	03010-BLU-C	Wall Top Cover - BLUE 83" polyurethane cover to fit 8ft gaga pit wall. Includes instructions and zip ties. (10% off per Eagle Scout Special)	19.80	158.40T
1	02040-NL	30H ADA DOORWAY KIT - Kit includes black jambs, hinges, latch, fasteners and instructions, Door is constructed with natural cedar wood. Compatible with 30H models. (10% off per Eagle Scout Special)	315.00	315.00T
1	03070	Metal Game Rules Sign, 11"x17" includes mounting screws (10% off per Eagle Scout Special)	44.10	44.10T
7	03050	Gaga Ball - 7"-10" lightweight, inflatable, vinyl ball (7 free with metal rules per Eagle Scout Special)	0.00	0.00T

Coby Albone's Eagle Scout Project - Troop # 35  
Building for: Sweden/Clarkson Recreation Center

SUBTOTAL	1,037.50
TAX (0%)	0.00
SHIPPING	100.50
TOTAL	1,138.00
PAYMENT	1,138.00
<b>BALANCE DUE</b>	<b>\$0.00</b>

Appendix B  
Written Project Sheet

**List of Materials for Gaga Ball Pit:**

\*\* the pit will be 30 inches tall with 8-foot-long walls\*\*

- 24 2 x 10 x 8 Pressure treated lumber
- 8 Gaga Ball Pit corner brackets
- 76 carriage bolts (1 inch)
- 8 Wall top covers
- ADA Doorway kit (includes 2 door jambs, hinges, latch, and fasteners)
- Gaga Ball 8-inch ball
- gallon of wood stain

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Grand total: \$1,398.88

Supplies	Quantity	Cost	Total
2 x 10 x 8 lumber	24	\$10.77 (Lowes)	\$258.48
Gaga Pit Brackets	8	\$65.00	\$520.00
carriage bolts	76	\$0.65	\$49.40
Wall top cover	8	\$22.00	\$176.00
ADA Doorway	1	\$350.00	\$350.00
Gaga ball game ball	6	\$3.50	\$21.00
gallon stain	2	\$12.00	\$24.00
Labor	1	\$400.00	\$400.00
<b>Grand Total</b>			<b>\$1,798.88</b>

Appendix C  
Written Grant Letter

June 13, 2019

Jimmy Z's Plates & Shakes  
53 Main Street  
Brockport, NY 14420

Dear Jimmy Z's Plates & Shakes:

My name is Coby Albone and I am entering my junior year at The College at Brockport. I am a Physical Education/Health major, along with having a concentration in Adapted Physical Education. The Honors College at The College at Brockport is assembled with roughly 500 of Brockport's highly exceptional academic students. I have recently learned about and began working on my final Brockport Honors College Thesis Project. For my Thesis Project, I will be implementing a Gaga Ball pit at the Sweden/Clarkson Recreation Center. I am writing this letter to ask for a donation, either monetary or materials, to help me complete this project. I anticipate the project to cost \$1,400.00.

Enclosed is an attachment describing my project. The reason I have picked this project is because of how much physical activity means to me. The Gaga Ball pit will be used on a daily basis to allow for children, and even adults, to stay physically active in a nontraditional and fun way. Our community has many of children and adults that love to move and stay active. Gaga Ball is amazing game that is new and becoming a very popular.

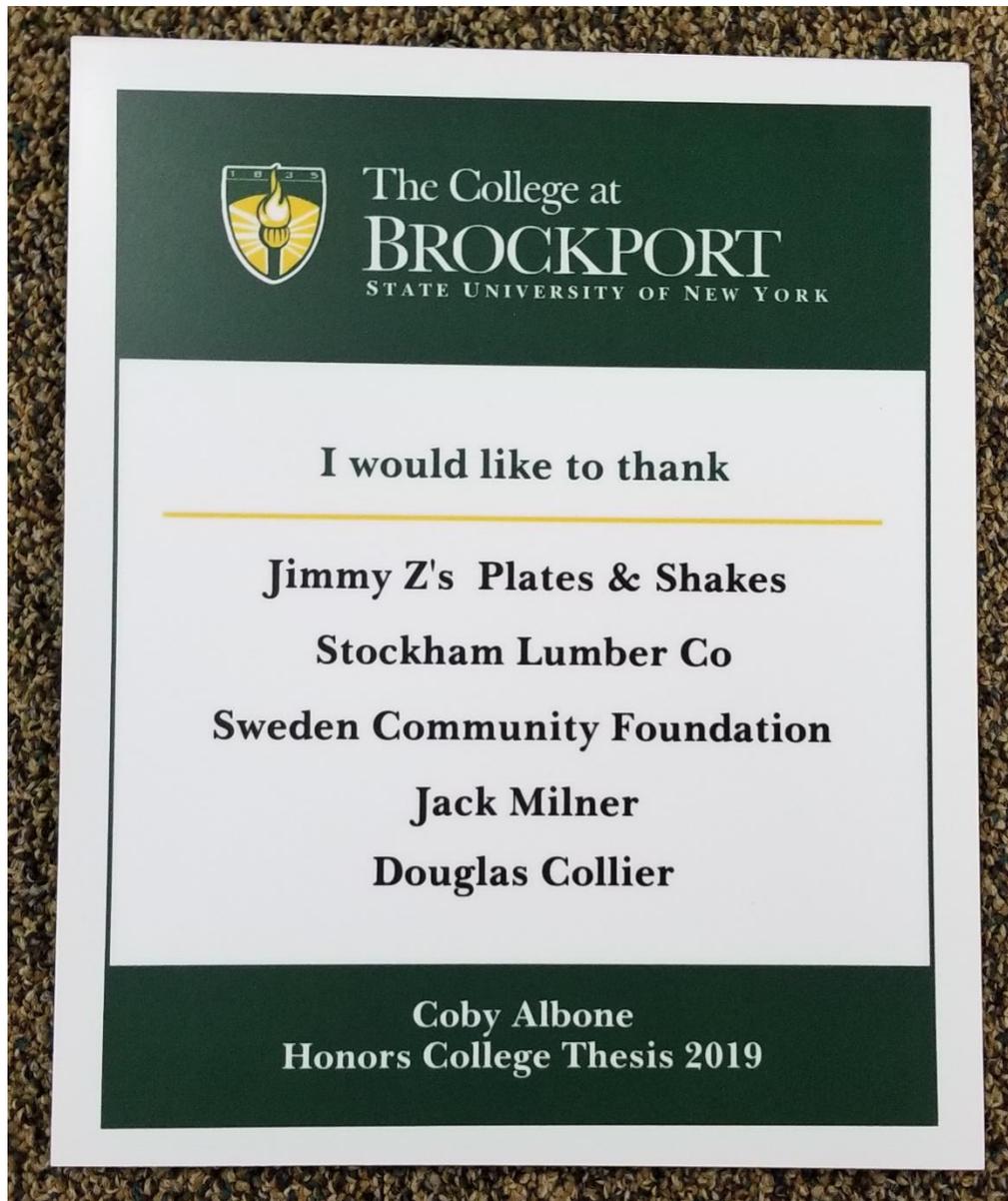
The Gaga Ball pit will be made for everyone. There will be a special ADA Doorway put on one of the sides of the pit for an individual with a disability allowing them access the pit with ease. One of the most important tasks that I wanted to complete was for the pit to be designed so anyone and everyone can play.

I truly appreciate any and all support that your business can give. Your donation will be recognized for your support. If you are interested in a list of materials that is needed, please feel free to contact me.

Sincerely,

Coby Albone  
cobyalbhone10@gmail.com  
716-525-2533  
The College at Brockport Physical Education

Appendix D  
Thank You Plaque Made for the Pit



Appendix E  
Ms. Jill Wisnowski Questionnaire Response

Coby Albone  
Honors Thesis  
Interview Questions

1. How many people do you have enrolled as members here at the center? How many are youth? What is the age range?

***The number of members is a constant rolling number. We don't require a membership; we just do a resident/no-resident fee for programming. An actual number I can pull from would be the people counter system that we have. From January 1, 2019 to September 30, 2019 there have been 87,478 people that have utilized the community center in one form or another.***

***Out of that number it is about a third that are youth; ranging in age from three to thirteen.***

2. many youth (students) are there each day for before or after school programs? What is the grade breakdown numbers look like?

***Before & After school range K-6<sup>th</sup> graders. It is a drop in/drop out program, so the numbers are different everyday for participants, however the average is 30 to 35 children each day.***

3. What has the impact been like regarding the use and the amount of activity that the youth are getting out of the GaGa Ball pit?

***Summer Camp and Before & After school children have loved having the GaGa pit. As long as the weather is warm enough it is one of their daily activities. The impact of having the pit has been all very positive.***

4. How does the community feel about having the pit there?

***I can't speak for the community regarding the GaGa pit, but I would say the recreation staff has loved the option for children to be able to play the game in an official space.***

5. How has it been with having all members included in each game?

***The children often can't all fit in, but they take turns and it works out great.***

6. Have there been any issues that have come up about the GaGa ball pit? For example, safety, bullying, injuries, targeting, etc.

***Weather and mud seem to be the only issues; if you want to call those issues.***

7. Are the players quick to understand the concepts and rules of the game?

***Yes, the basic concept of the game has come naturally to the children. If they haven't played it with the programs we run, they have played it in other places. If it does need to be explained the children help each other out.***

8. Have there been any injuries due to playing in the pit? How safe do you think it is?

***Not any injuries, it isn't anymore safe or unsafe than other activities that children participate in.***

9. Who is winning each game? The same couple kids or a spread of all skill levels?

***It truly depends on what children are playing at the time. If there are common winnings, the staff will break things up so other children can have a chance to feel successful.***

10. How do you feel about the overall process of implementing the pit?

***The GaGa Pit has been a wonderful addition to our community center. The process was seamless for the recreation department. Coby did all the leg work and building. We have just had the privilege of being the folks and community that benefit from it.***

11. What is the future direction of the Rec center regarding the GaGa pit? Do you have any plans or ideas about the pit that you would like to see changed? Have you thought about expanding the game elsewhere?

***Well we would like to see what the maintenance will be to maintain it and make sure we keep it in good condition for future seasons. The only thing that I would like to see is a way to put something on the ground underneath or have the pit built on top of something, so it was muddy.***

***Yes, we are looking to have a pit built in Sweden Town Park next Spring.***

***On be half of the participants and the recreation department I would like to thank Coby for coming up with this great addition to our community. It has been wonderful to see the children playing in it and truly enjoying themselves. The GaGa Pit is a perfect addition to our activities for the youth. Thank you***

Appendix F  
Photograph of the Finished Pit





Appendix G  
Sweden Recreation Foundation Grant Letter

June 17, 2019

Sweden Community Foundation  
4927 Lake Rd  
Brockport, NY 14420

Dear Sweden Community Foundation:

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The Gaga Ball pit will be made for everyone. There will be a special ADA Doorway put on one of the sides of the pit for an individual with a disability allowing them access the pit with ease. One of the most important tasks that I wanted to complete was for the pit to be designed so anyone and everyone can play.

I truly appreciate any and all support that your business can give. Your donation will be recognized for your support. If you are interested in a list of materials that is needed, please feel free to contact me.

Sincerely,

Coby Albone  
cobyalbhone10@gmail.com  
716-525-2533  
The College at Brockport Physical Education

### List of Research Sources

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### **Timetable**

Explore my project and brainstorming	February 2019
Description and rationale for topic and methodology; choose a director	March 2019
Look into different locations and find correct people to talk to about my project	April 15 <sup>th</sup> , 2019
Complete research and create paper outline	April 30 <sup>th</sup> , 2019
Meet with Mr. Jack Milner and discuss our thoughts about the project	May 2 <sup>nd</sup> , 2019
Meet with officials in the three location and discuss why Gaga is important. I will always explain the step of my project.	May 2019
Get approved by the agreeing location to implement the pit	June 15 <sup>th</sup> , 2019
Fundraise with grants or local business	July 10 <sup>th</sup> , 2019
Buy the supplies	July 30 <sup>th</sup> , 2019
Build and implement a pit in the desired location	August 10 <sup>th</sup> , 2019
Spread the word about the game	October 2019
Find a what to have someone maintain the pit as needed	October 2019
Submit final paper and plans to the Honors College	December 2019
Present at Scholars day (April 2020) or NYSAPHERD (Nov 2019).	2019 - 2020