The 7th grade is proud to present

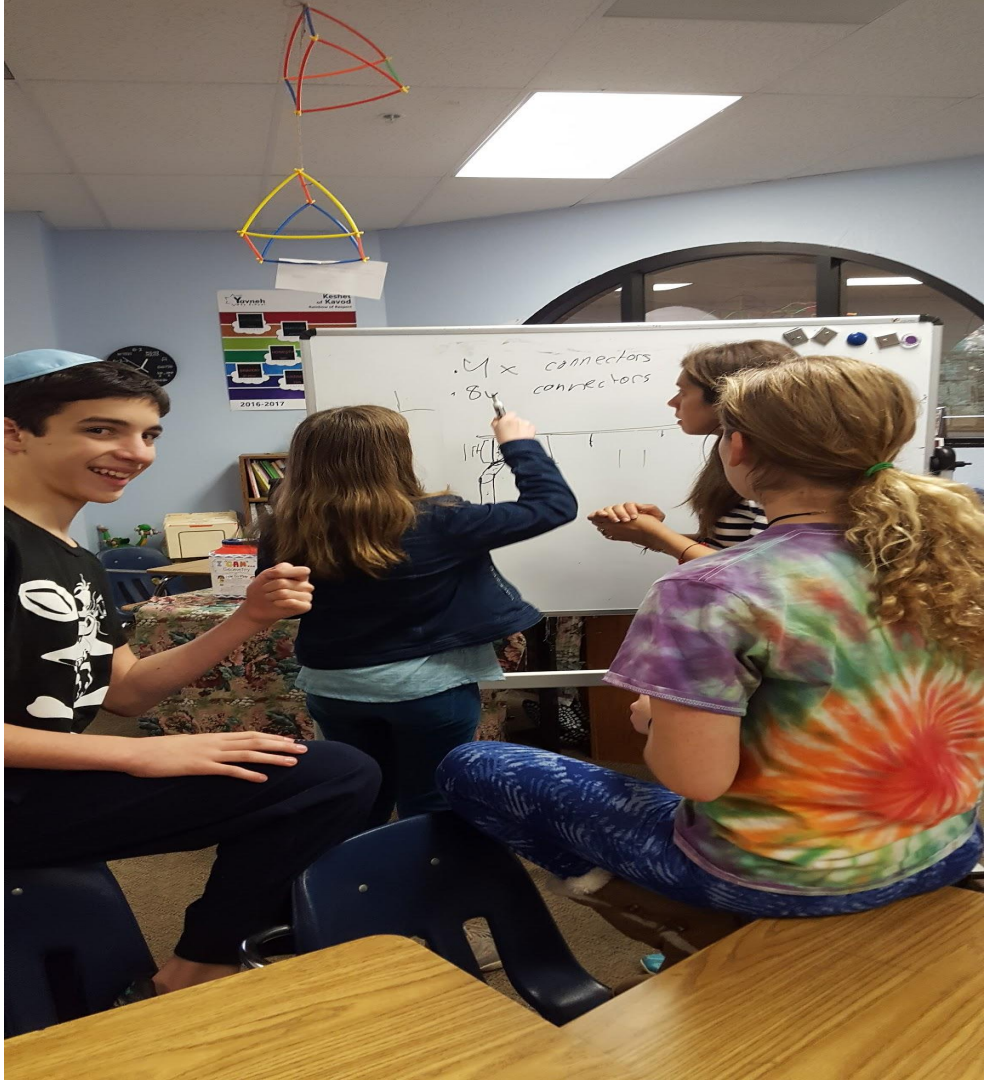
Building our Chanukiah

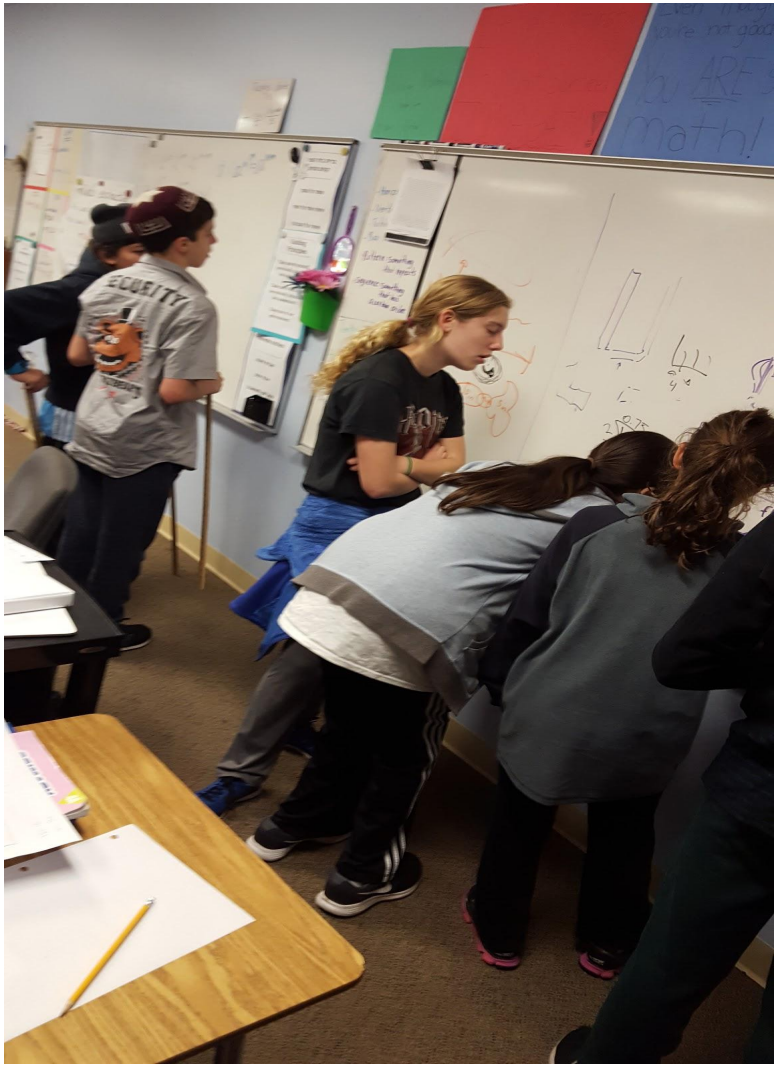
יבנה
Yavneh
Day School

First we try to understand how we are supposed to build a menorah.

We had to make sure the PVC tubes were aligned with each other exactly perfect. The strength and symmetry were everything when it came to keeping it balanced.

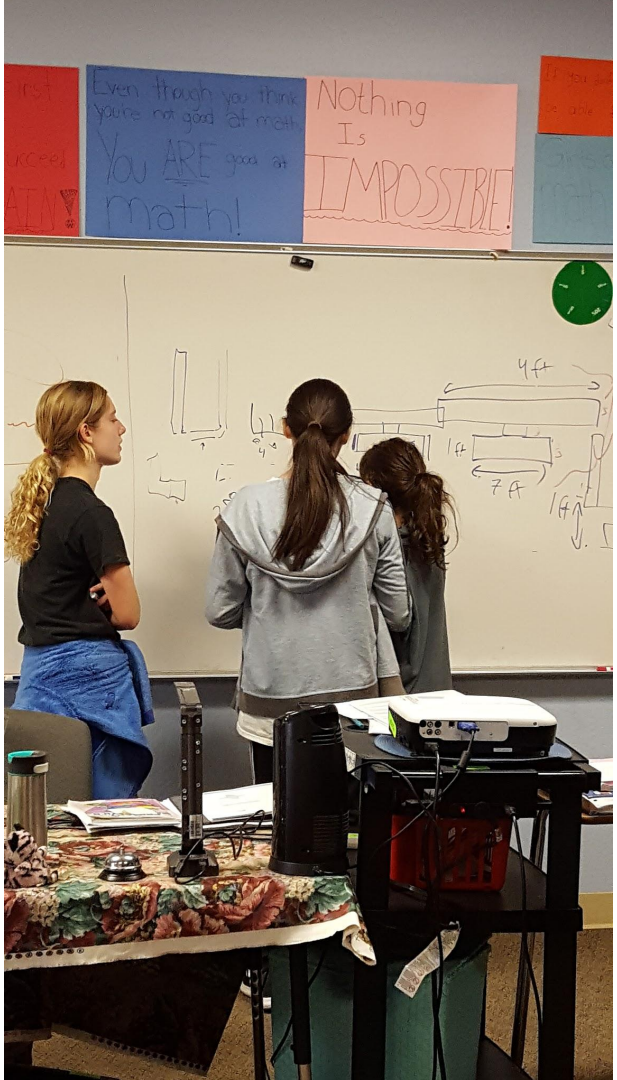
(Adinah and Samara)





There was also a lot of math involved in this special project. We had to figure out the height of each candle, the height of the base, and the width between each candle. We finally decided to make the base 2 feet tall, and each candle was 4 feet tall. The width between each candle was a couple inches.

(Yuval)



Angles came into play the most when we were looking at all the connectors we could buy. The menorah needed just enough holes in each connector so that it could fit everything it needed to inside but not so that there were little bits sticking out of it. We had to figure out what angles the connectors needed to be to complete this stage in the project.
(Adinah)

It took a lot of thinking and teamwork, but eventually we came up with the perfect plan, or so we thought. It was one thing to come up with a plan, but executing it was a totally different scenario.
(Samara)

I think our class originally had a hard time working together as a team, but as time progressed we improved, and by the end we were able to accomplish our goal.
(Samara and Adinah)

We tried really hard to work together and get along, but some days were harder than others. In the end, it all worked out, and I am definitely proud of the beauty that we accomplished.

(Yuval)

It was a fun project. The hardest parts for us were sawing through the PVC pipes and holding the pipes in place for long periods of time. (Felix and Ronel)

The team worked pretty well together, but still had a few bumps in the process. I think that the team worked better and more productively once we actually had our materials. I helped fix the group's challenges by being more of a connector between ideas and making sure that they were all mostly on the same page.

(Talia)

When we got outside, our work ethic was really tested. We had to split into teams. A base group, and a candle group. I expected the spray painting to be easy, but it quite the opposite.
(Samara)

We all overcame our challenges by finding a way to split up our group in two and found people who work well together.
(Samara)

We needed to figure out the ratio of connectors to pipes, and the height of the base to the height of the candles.

(Adinah)

בהתחלה רצינו לעצב את החנוכייה כך שכל כן יצא מהשמש, אך כיוון שכך היינו צריכים לקנות ולהשתמש בהרבה יותר צינורות, החלטנו לעצב את המנורה כך שכל הכנים יצאו מבסיס החנוכייה. במהלך תהליך התכנון היה לנו קשה כקבוצה להחליט איזה עיצוב לבחור לחנוכייה. לי, היה קשה להבין את המידות ששאר חברי הקבוצה כתבו משום שהם כתבו את מידותיהם לפי מידות אמריקאיות בעוד שאני כתבתי לפי המידות העולמיות.

(Evyatar)

During this project, I learned a lot about who I am as a person. Just like the Channukiah, I have a fire in me that wasn't there before, and it shines bright in my heart. This fire will never be blown out, and will help and encourage others to be a better person. I really enjoyed learning about different ways to work as a team, and incorporating different Keshet Of Kavod values into my work ethic. We all wanted the Channukiah to somehow showcase all the colors of the rainbow. The whole menorah was made out of PVC pipes.

(Yuval)

I think that the part that worked the best for our group is actually building the whole thing, and making sure there are enough pieces.

What was challenging for me was trying not to be left out and actually trying to participate as much as possible.

(Yaara)

We wanted to make the menorah look like a beautiful ray of colors from the rainbow. We did this so it would look like different personalities and different feelings.

(Talia)

I offered up the idea that we use 4 parts for the base instead of 3, so that the menorah would be better balanced. Ratio, and length unit conversion weren't a big part of my part of the menorah. We used angels for deciding which connectors we would use. Parallel, and perpendicular lines were a major part of the project. We needed to use equal distances for the length in between the connectors.

For me, the most challenging thing in this planning process was getting my idea across to the rest of my peers. For the group, the most challenging part of this project was getting everyone's ideas on the same page, or else some people would think we are doing one thing, while someone else would think we are doing something different. To make sure that we were all on the same page, we worked hard to communicate better with each other. I fixed my challenge by making sure that I was heard and listened to, and not always shut out.

(Talia)


Yavneh
Blaze
Yavneh
Blaze