

09/20/17 - "Introductory Day"

Time: 3:00pm-6:00pm

Author(s): Owen M., Anup C., Jordan B.

Attendance: Mrs. Murray, Ms. Curry, Jordan B., Anup C., Brandon F., Trevor G., Zack H., Jeremy K., Gabby K., Sean M., Owen M., Liam M-L., Gerry P., Sam P., Marquise W.

This was the first official meeting the team. New members stayed for the meeting. We usually have meetings every Wednesday at this time.

Tasks	Reflections
Making a Google Slides Presentation	Jordan B. idealized what Robotics is about and what we do.
Introducing Coaches and Members	Mrs. Murray introduced coaches as well as returning and new student teammates.
Started Working on Robot	Group C worked on Robot chassis. Robot chassis is in the shape of a rectangle.
Repairs on 3D Printer	3D printer extruder was fixed by Trevor G.
3D Printer problem arises	After thinking the 3D printer would work, it failed when we thought we were out of filament, when in reality we have 3 full rolls of filament.



Marquise W. and Jordan B. work on the team's 3D Printer.

Witness Signature: _____ Date: _____

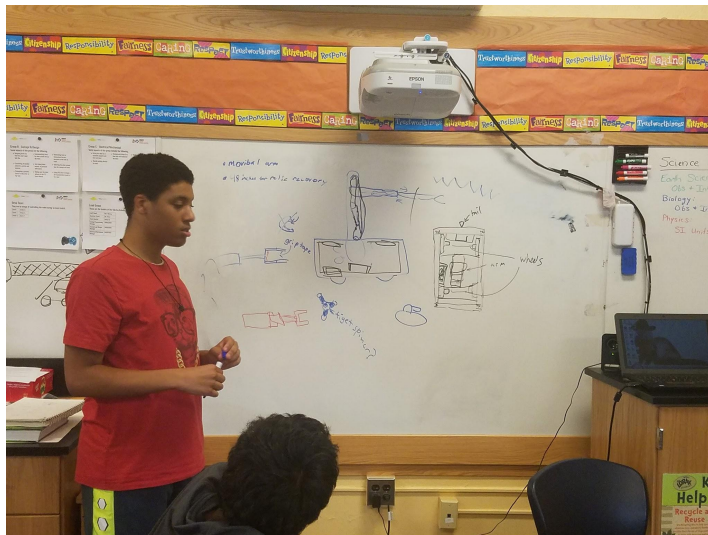
09/27/17 - "Conference Day"

Time: 3:00pm-6:00pm

Author(s): Jordan B., Sam P., Gabby K., Anup C.

Attendance: Jordan B., Anup C., Brandon F., Trevor D G., Zack H., Jeremy K., Gabby K., Owen M., Jerry P., Sam P., Marquise W., Saimahesh S., Trever A G.

Tasks	Reflections
Went over possible ideas for designing the tank	Brandon F. suggested we use a movable arm.
Discuss possible group assignments	Went over what each group is responsible for, and talked about number of people needed for each group.
Visualized the possible Robot design	We have possible design in mind. And we're working on a robot for a mock-trial.
Wheel attached to robot	Wheel with motor was attached to robot to make the robot move around.



Brandon F. suggesting use of a movable arm
Image credits to Jordan B.

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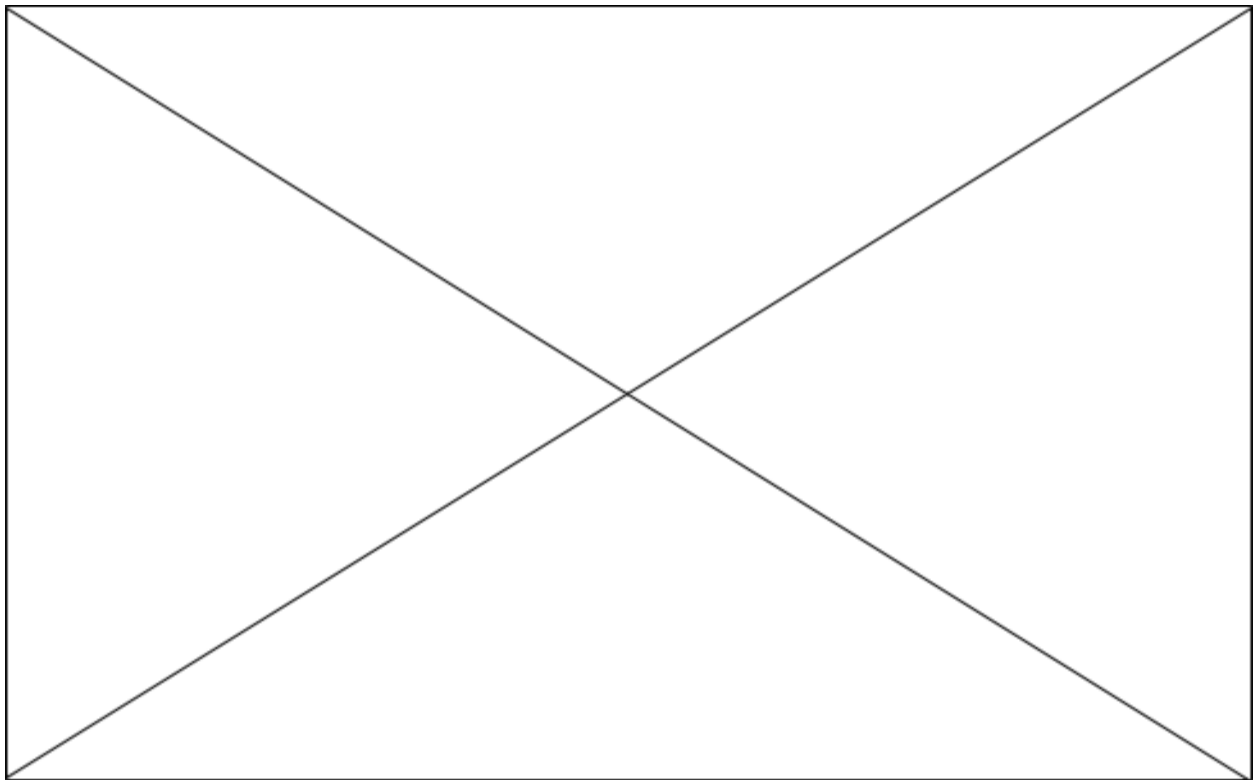
10/11/17 - "Making Ideas for a Robot"

Time: 3:00pm-6:00pm

Author(s): Anup C.

Attendance: Jordan B., Hunter B., Kevin C., Anup C., Brandon F., Trevor D G., Zack H., Jeremy K., Sam P., Saimahesh S..

Tasks	Reflections
Watched Videos	We learned about robots and this year's robotics competition.
Introduced new members	New members of the YALiEns watched the presentation to understand what it means to be on a robotics team..
Working on robot	Working on the robot, and finding batteries, phones, rev and wires.



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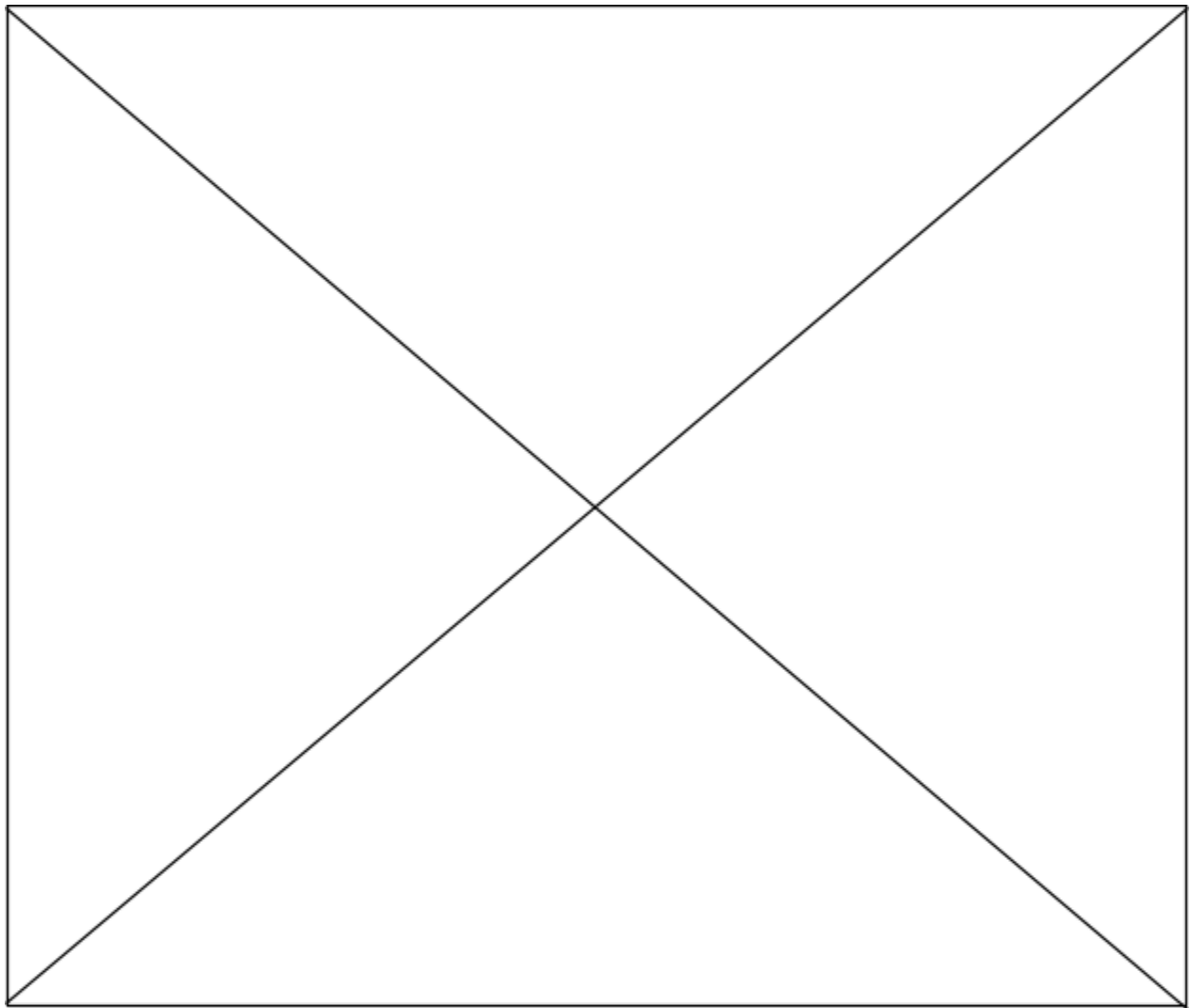
10/18/17 - "Wheel Fixing"

Time: 3:00pm-6:00pm

Author(s): Gabby K. Jordan B.

Attendance: Mrs. Murray, Ms. Curry, Saimahesh S., Anup C., Owen M., Trevor D G., Gerald P., Jordan B., Zachary H., Sam P., Gabby K., Trever A G, Kevin C., Hunter B., Jeremy K., Marquise W.

Tasks	Reflections
Working on the Robot	Trevor D G., Gerald P., and Gabby K. worked on fixing the wheels on the robot



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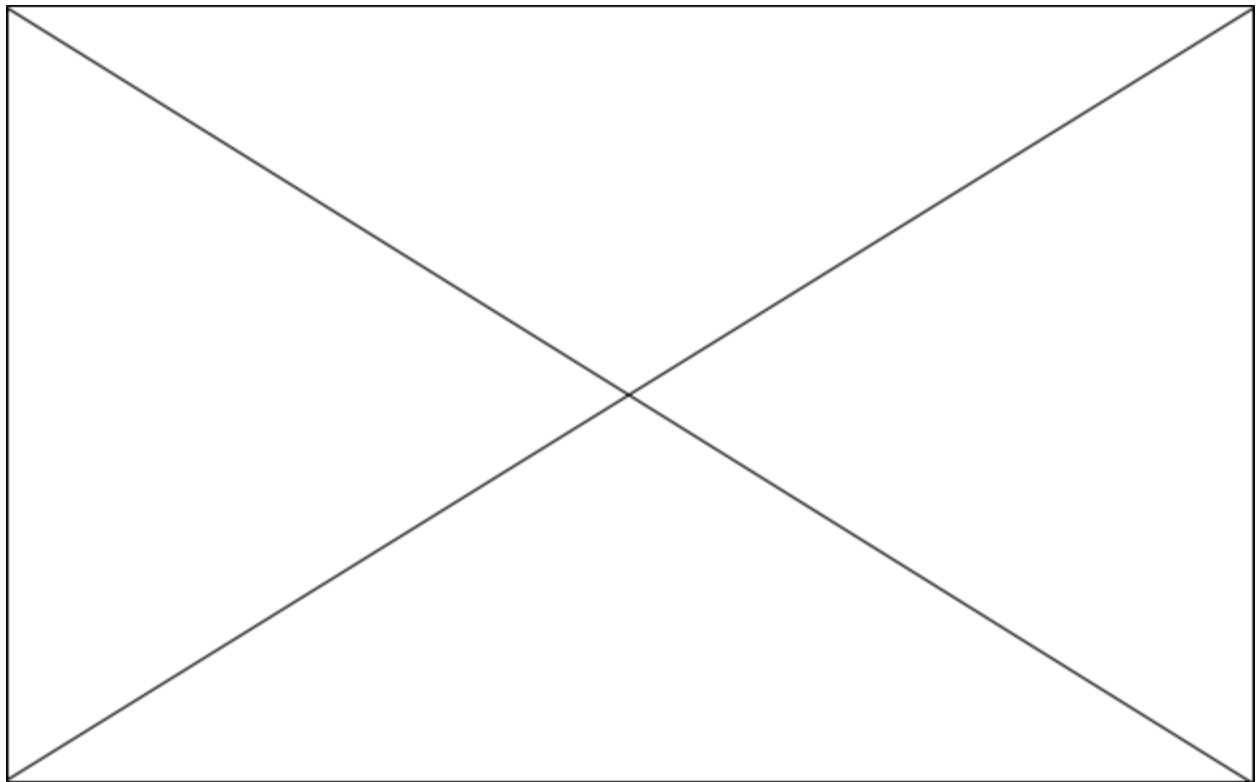
10/25/17 - "'Redding' Up the Motors"

Time: 3:00-6:00 P.M.

Author(s): Owen M.

Attendance: Jordan B., Anup C., Sam P., Owen M., Trevor D G., Trevor A G., Hunter B. Kevin C., Liam M-L, Gerry P., Saimahesh S.

Tasks	Reflections
Make robot design on CTP	Trevor A. G. made a model on the current structure of the robot at CTP.
New parts received	New wheels and wires were delivered to our school so that we would have more parts for our robot.
Codes were designed	Samantha started making a program for our robot to follow.
Motors added to robot	Trevor D. G. added some motors to the robot.



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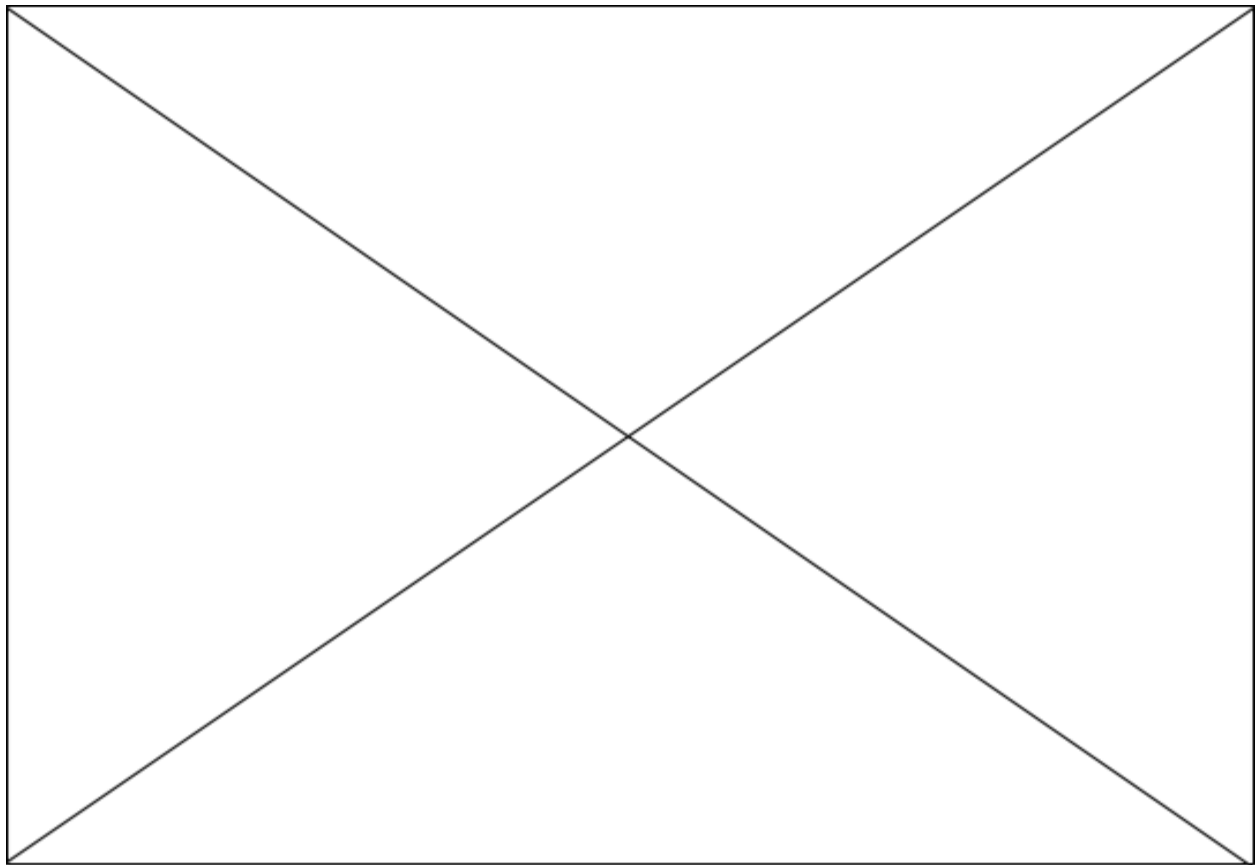
10/26/2017 - "Robot Construction"

Time: 3:00pm - 6:00pm

Author(s): Jordan B.

Attendance: Zach H., Trevor D G., Hunter B., Saimahesh S., Anup C.,

Tasks	Reflections
Finish parts of chassis	The mechanical group tightened the screws and added sides in order to attach motor controllers.
Reattaching wheels	The mechanical group put the old wheels on temporarily until we can attach the new wheels onto the robot.
Create an end effector	Mr. Murray (our mentor), and Anup C. from the mechanical department assembled the Glyph-Grabber mechanism.



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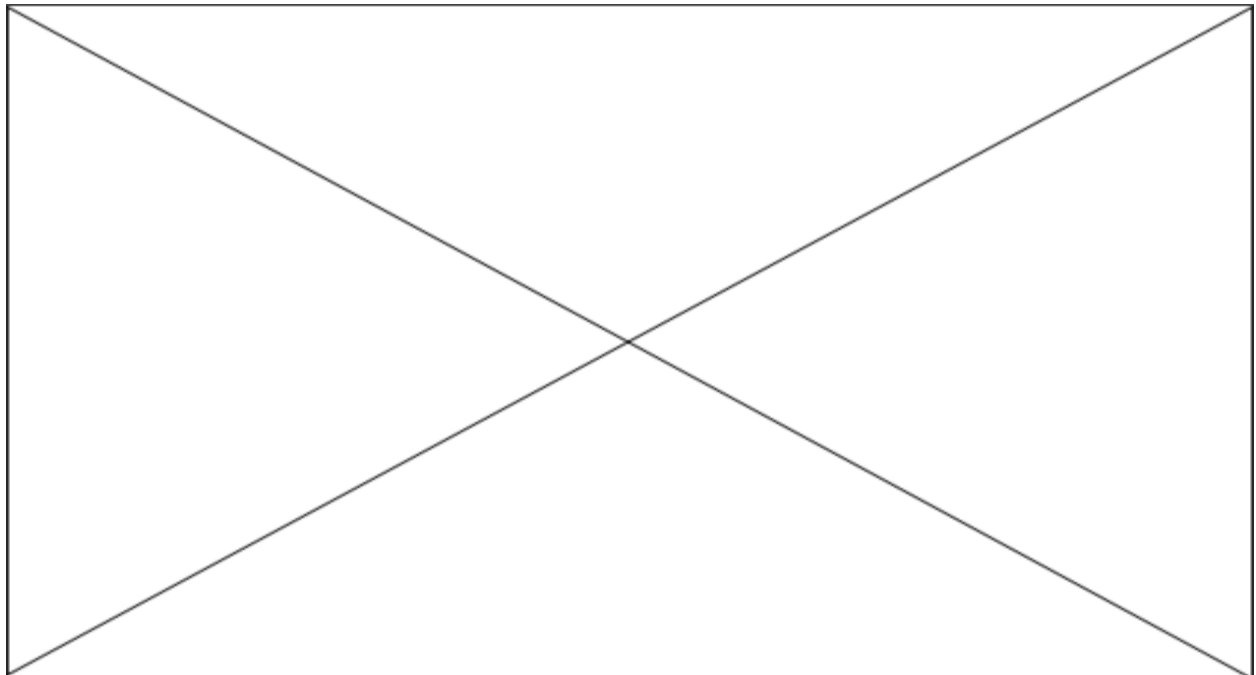
11/01/2017 - "Finishing the Robot"

Time: 3:00pm - 6:00pm

Author(s): Owen M., Sam P.

Attendance: Mrs. Murray, Ms. Curry, Jordan B., Owen M., Liam M., Samantha P., Anup C., Marquise W., Jeremy K., Brandon F., Zachary H., Trevor D G., Kevin C., Hunter B., Gerald P.

Tasks	Reflections
Profile Pictures taken	Team members who showed up to today's meeting were able to get their pictures so they have pictures to represent who's who, thanks to Mr. Stermer.
Panels were put on	The building group added the back and side panels onto the robot.
Claw added to robot	The building group attached a claw to robot for grabbing in the FTC events.
Code Command Continued	Samantha continued expanding the code for the robot to follow.



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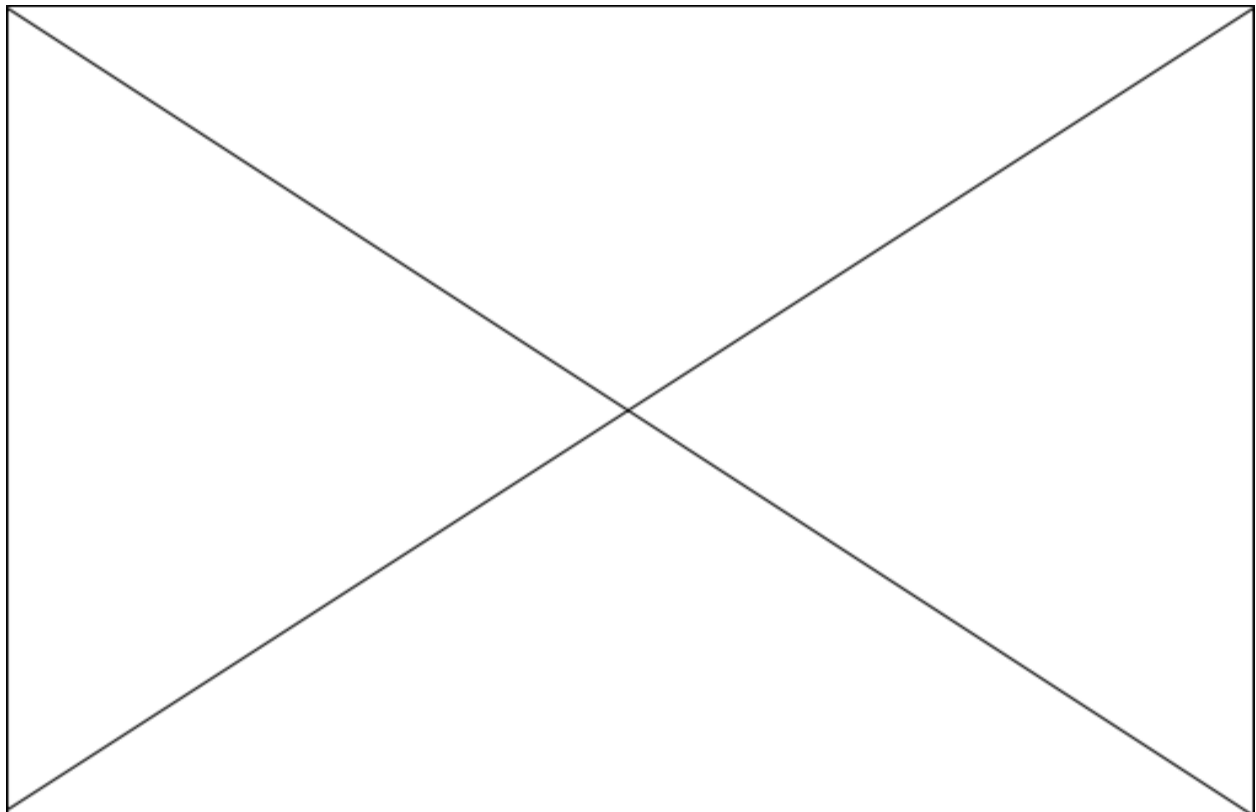
11/08/2017 - "Making the Model"

Time: 3:00pm - 6:00pm

Author(s): Owen M.

Attendance: Owen M., Jordan B., Samantha P., Trevor A. G., Trevor D. G., Marquise W., Trevor L., Anup C., Saimahesh S., Brandon F., Gabrielle K., Kevin C., Connor F.

Tasks	Reflections
Objectives On Board	Jordan, captain of the YALiEns, has written the agenda, notes, and the objectives of the three mini-groups that create the big group: the YALiEns.
Model Makeover	Trevor A. G. and Brandon continued making the model of what the robot's current state is so that the robot is designed physically and diagramly.
Code Transfer	Samantha not only continued making the program, but was able to transfer the program to the phones.



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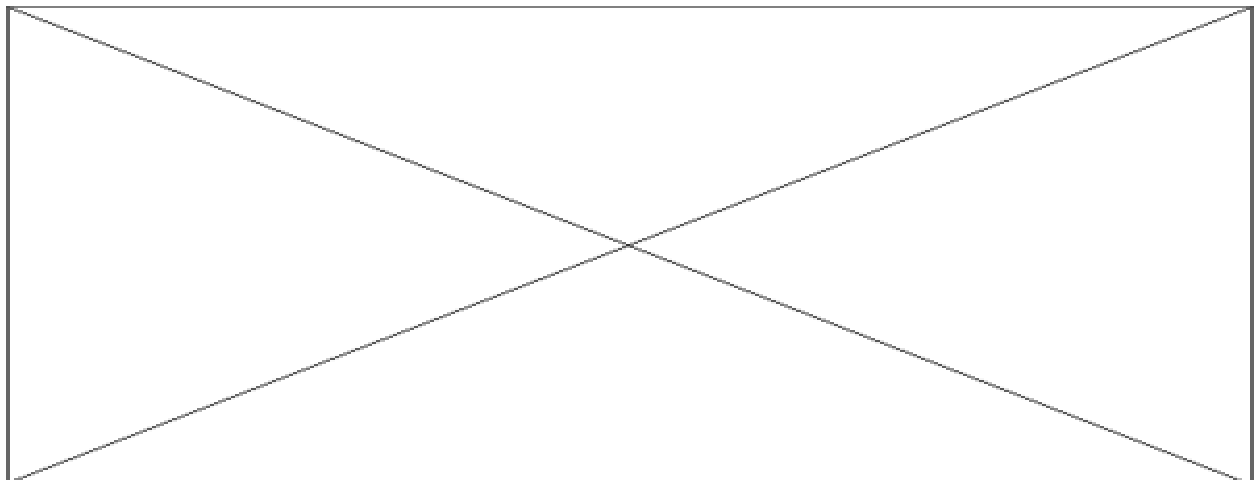
11/15/2017 - "Fixing the Robot"

Time: 3:00pm - 6:00pm

Author(s): Gabby K., Owen M.

Attendance: Mrs. Murray, Ms. Curry, Owen M., Jordan B., Samantha P., Trevor A. G., Trevor D. G., Marquise W., Gabrielle K., Kevin C., Connor F., Zach H., Jeremy K., Liam M-L, Gerry P.,

Tasks	Reflections
Grabbers on the robots	Trevor A. G. is adjusting the grabbers on the robot to be able to grab the relic or the foam during the events.
Working on the Code	The programming group continued with programming the robot.
Mini-Bot Making	Some teammates formed to make a smaller team so that smaller team could start making a Mini-Bot for outreach.
T-Shirt Sizes	Samantha asked every YALiEn for their shirt size so each YALiEn could have a shirt to represent our team.
Station Labeling	Jordan, captain of the YALiEns, labeled each part of room 410 so every YALiEn knew where to find what.
Organizing the Cabinet	Jordan, as well as other YALiEns, cleaned up the cabinet and put items in the trash and donation bags.



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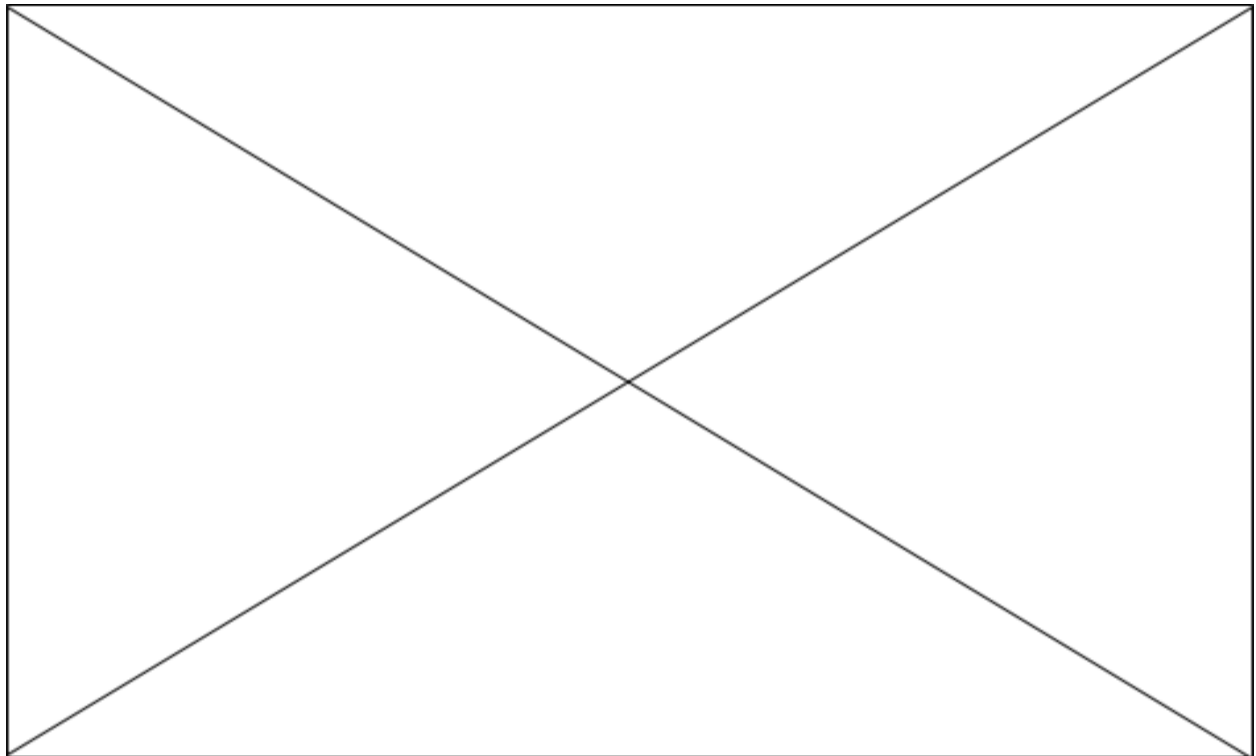
11/29/2017 - "Troubleshooting Day"

Time: 3:00pm - 6:00pm

Author(s): Owen M.

Attendance: Mrs. Murray, Ms. Curry, Owen M., Jordan B., Samantha P., Trevor A. G., Trevor D. G., Gabrielle K., Kevin C., Connor F., Saimahesh S., Hunter B., Zach H.

Tasks	Reflections
Working on the Model	Trevor A. G. continued working on the model for the robot and started adding wheels to the model.
Making Website Links	Kevin started making a page for links for all things FTC and robotics so we have easy access to resources.
Continue Working on the Code	After a huge troubleshoot, the programming group was able to continue working on the code for the robot.
Sponsorship Letter	Samantha, with some help from Jordan, made a letter for a potential sponsor so our robotics team can get sponsored.



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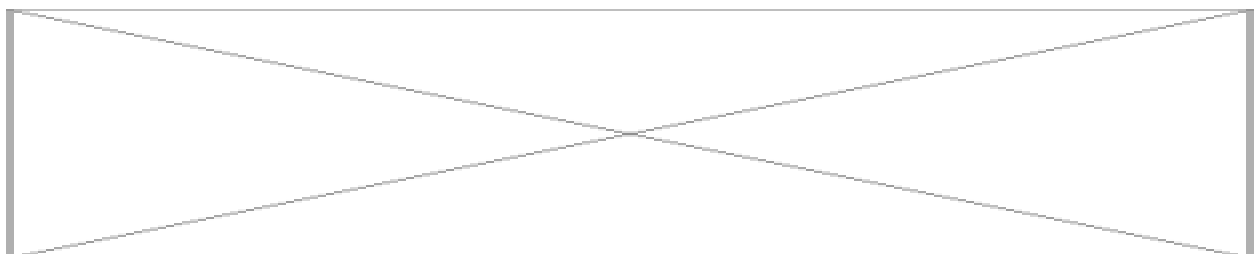
12/06/2017 - "Making the Mini-Bot"

Time: 3:00pm - 6:00pm

Author(s): Owen M.

Attendance: Mrs. Murray, Ms. Curry, Owen M., Jordan B., Samantha P., Hunter B., Trevor D. G., Gabrielle K., Kevin C., Connor F., Saimahesh S., Gerald P., Nino S., Zachary H., Jeremy K.

Tasks	Reflections
Taking Pictures of the Robots	Hunter took photos of the actual robot and the Mini-Bot so we would know what the actual robot and the Mini-Bot looked like when the Robotics year is over.
Mini-Bot Program	Jeremy started creating a program for the Mini-Bot to follow so the Mini-Bot would have commands to follow when we are presenting the Mini-Bot.
Test Driving the Robot and Mini-Bot	YALiEns group and mini-group did test-drives for the robot and Mini-Bot to see if the robot and Mini-Bot work.
Make Designs of the Robots	Jeremy and Mrs. Murray drew designs of what their robots should look like.
Additional Bot Idea Brought Up	Jeremy got another small group to make a third robot for the YALiEns.
Outreach Bot	Mrs. Curry and a small group were working on the outreach bot for the team.
Finding Robot Pieces	Mrs. Murray was able to find pieces for the claw arm for the robot.



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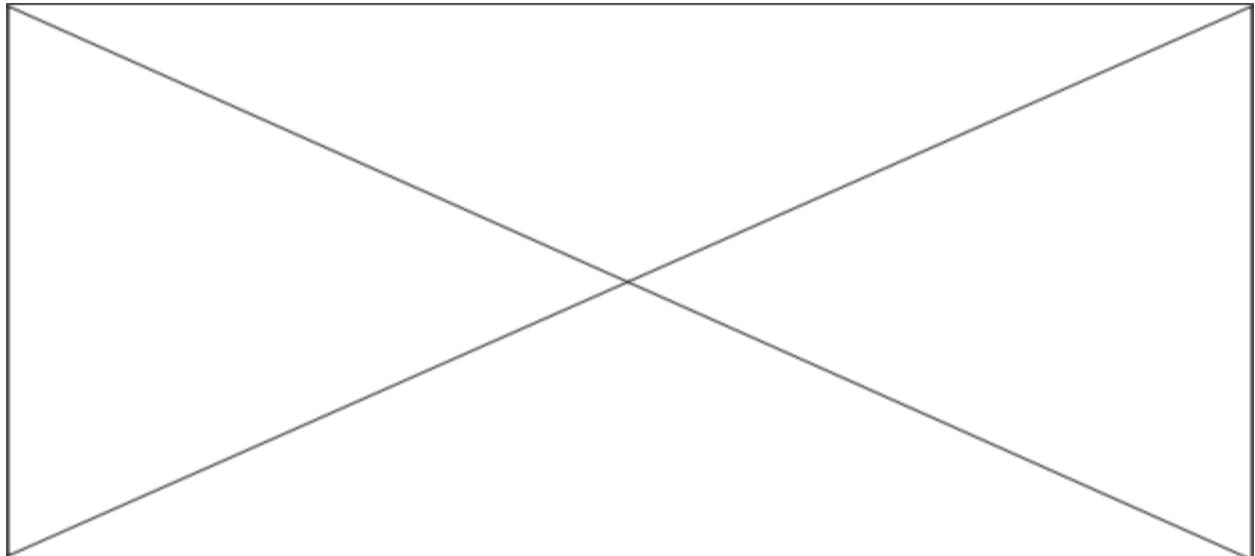
12/13/2017 - "Qualification Preparation"

Time: 3:00pm - 6:00pm

Author(s): Owen M., Anup C.

Attendance: Mrs. Murray, Ms. Curry, Owen M., Jordan B., Samantha P., Hunter B., Trevor A. G., Trevor D. G., Gabrielle K., Kevin C., Connor F., Saimahesh S., Nino S., Zachary H., Jeremy K., Marquise W., Anup C., Brandon F.

Tasks	Reflections
Getting Meeting Objectives	Jordan has written all meeting objectives for the YALiEns on the board so each YALiEn would know which objective(s) he/she needs to accomplish.
Business Plan Memo	Jordan gave every writer a memo about the business plan so the writers of the Engineering Notebook would know all about the Business Plan as well as the budget for the t-shirt orders.
SWOT Analysis	Jordan showed the writers the SWOT analysis chart. As of 12-13-17, the YALiEns team has two strengths (S), three weaknesses (W), one opportunity (O), and one threat (T).
Attaching Parts	Building group attached parts so the robot could lift objects.



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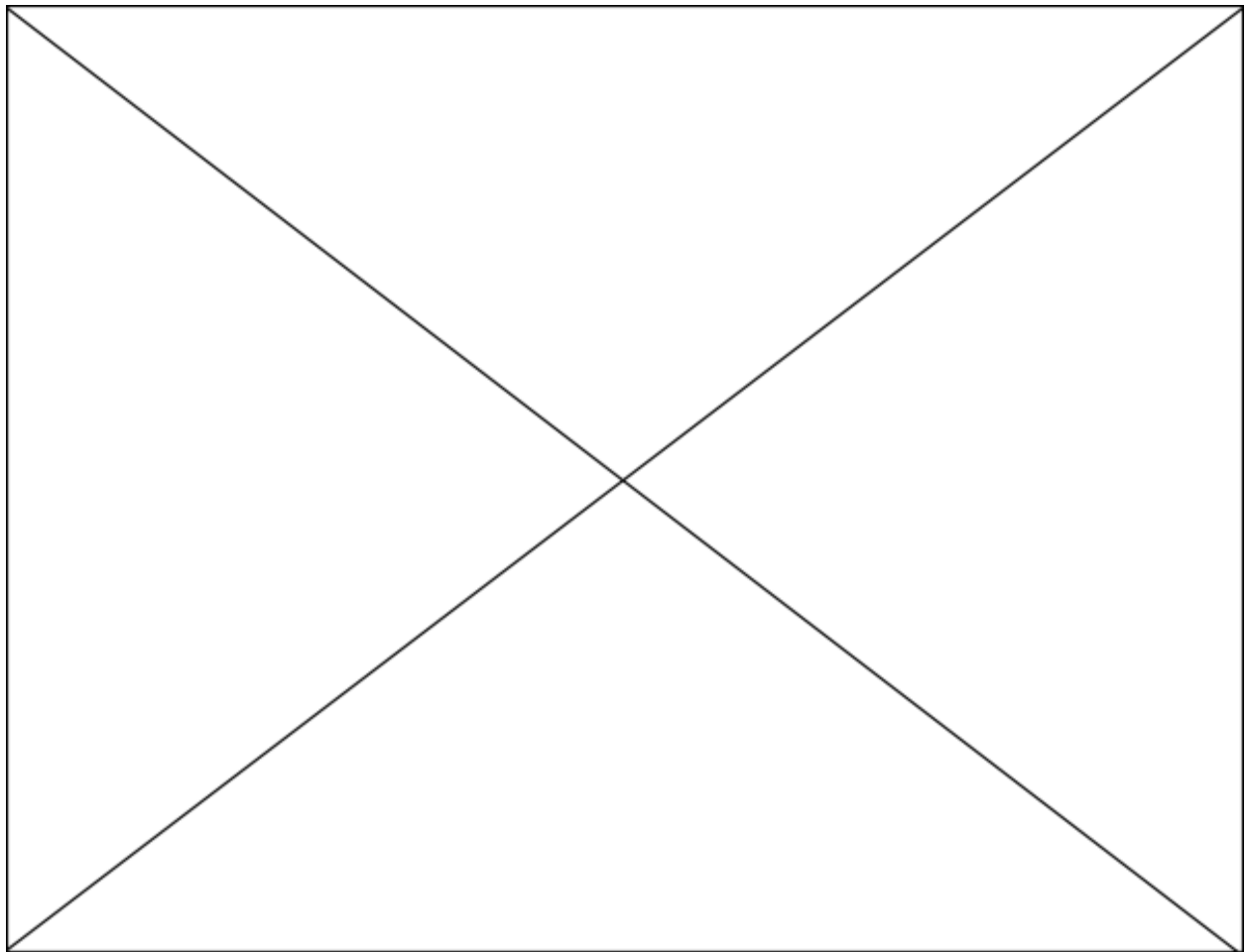
01/03/2018 - "Doing a Fundraiser"

Time: 3:00pm - 6:00pm

Author(s): Owen M.

Attendance: Mrs. Murray, Ms. Curry, Owen M., Jordan B., Samantha P., Hunter B., , Trevor D. G., Gabrielle K., Connor F., Saimahesh S., Zachary H., Jeremy K., Marquise W., Anup C., Brandon F.

Tasks	Reflections
Fundraiser Ideas	Mrs. Murray, Gabby, and Jordan all gave ideas for a fundraiser that will happen between the day this was recorded and the end of the school year.
Fundraiser Poster	Owen started working on a poster for the fundraiser.



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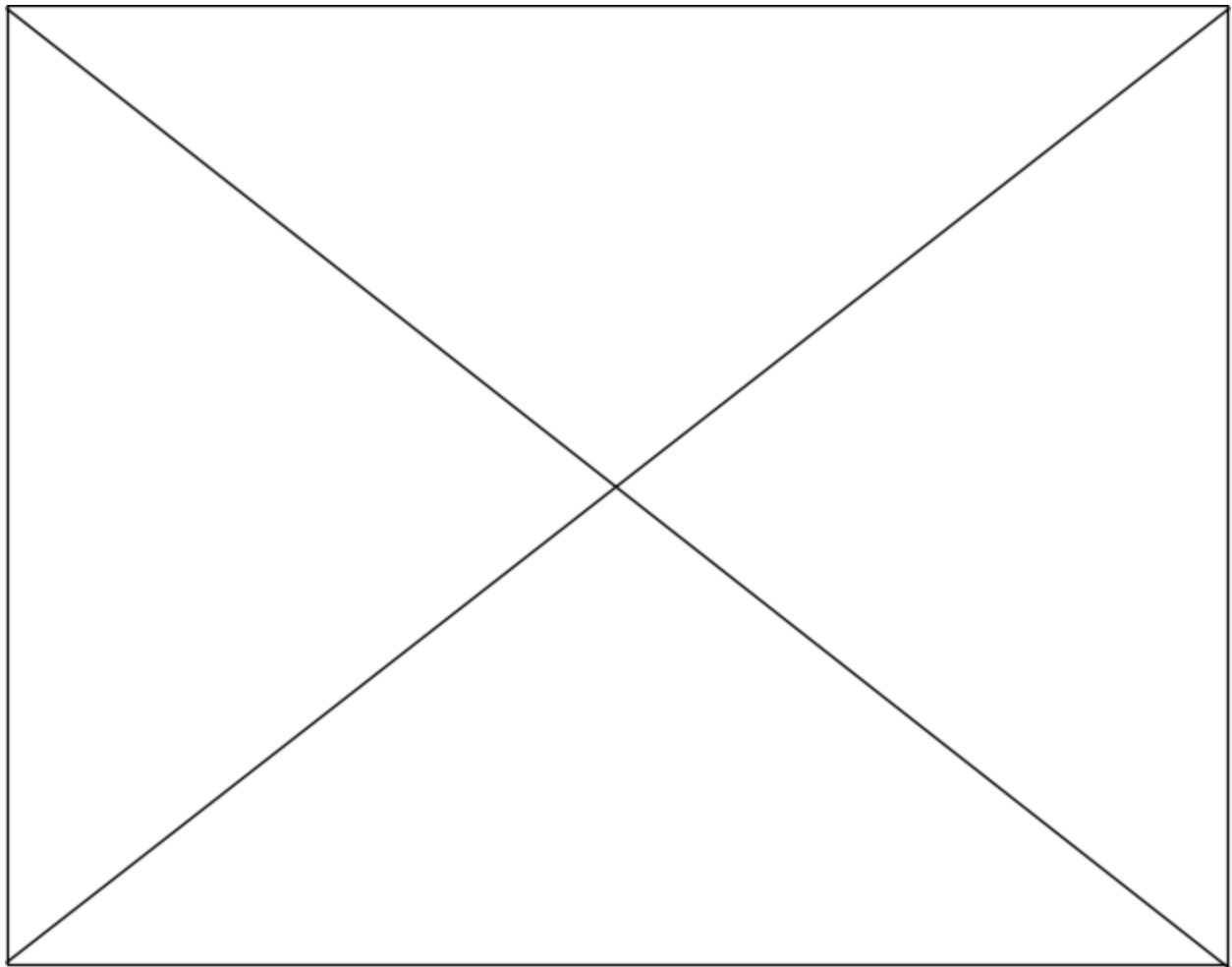
01/10/18 "Moving Day"

Time: 3:50pm - 5:30pm

Author(s): Owen M., Zachary H.

Attendance: Mrs. Murray, Ms. Curry, Owen M., Jordan B., Samantha P., Hunter B., Trevor A. G., Trevor D. G., Gabrielle K., Kevin C., Connor F., Saimahesh S., Nino S., Zachary H., Jeremy K., Marquise W., Anup C., Brandon F.

Tasks	Reflections
Set Up New Base	Once we arrived, we had to re-set up our workplace. It was just easier to keep everything in one room.
Mock Field	After a lot of building, we made a mock field in the center of our new base of operations.



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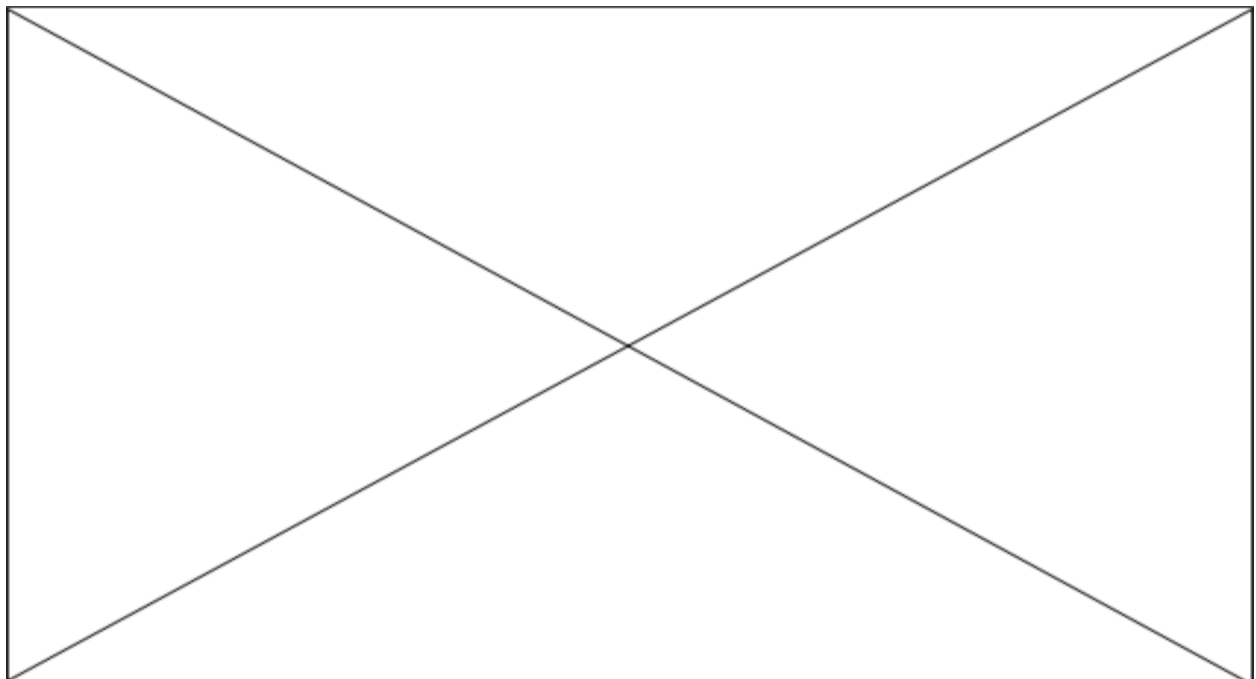
01/17/18 "Preparation for Healthcare Arena"

Time: 3:50 p.m. - 5:30 p.m.

Author(s): Owen M., Zachary H.

Attendance: Mrs. Curry, Mrs. Murray, Will R., Owen M., Zachary H., Jordan B., Samantha P., Jeremy K., Trevor A. G., Gabrielle K., Chris W., Connor F., Brandon F., Saimahesh S., Hunter B., Kevin C.

Tasks	Reflections
Field Fixing	When the YALiEns arrived to the recently-made headquarters, two borders of the fields fell, so some YALiEns helped fix the borders to secure the field.
Programming Starts and Runs Into a Problem	Sam and Brandon started to work on a new code, and problems arise trying to transfer the code.
Our New Co-Captains	Jordan appointed Sam and Gabby as co-captains.
Binder Organization	Owen and Jordan organized the papers into their proper binders so we know where to look for what.



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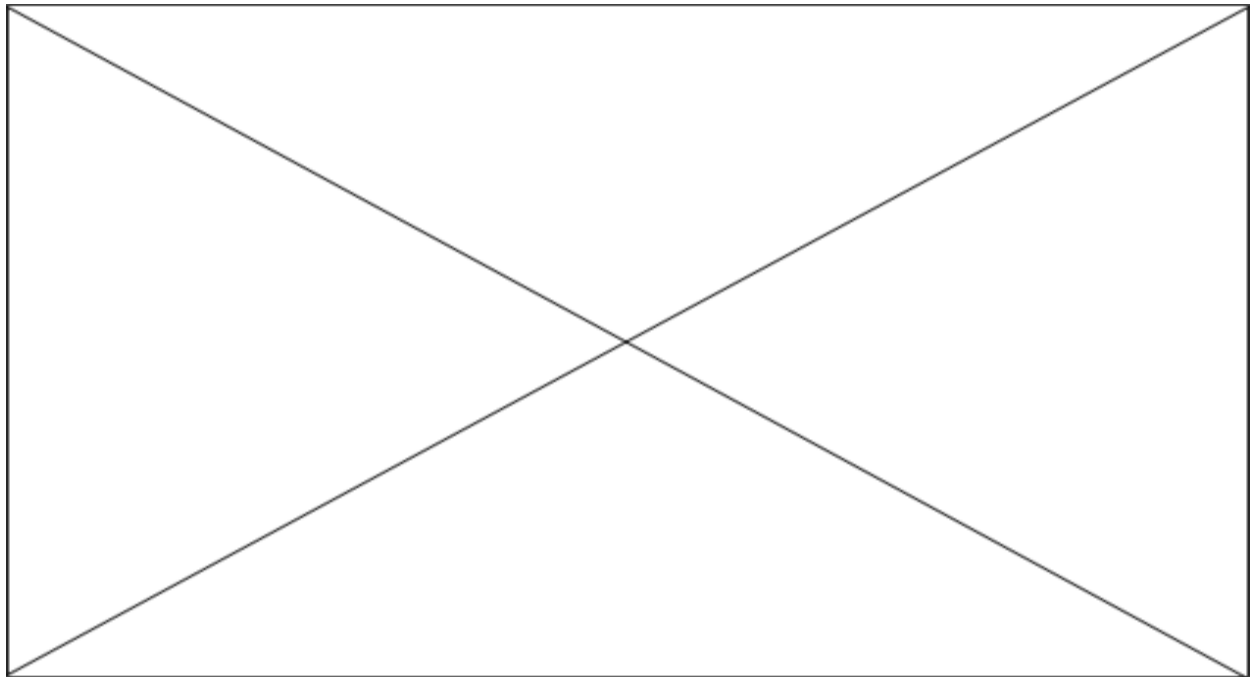
01/24/18 "Testing the Robot"

Time: 3:55 p.m. - 5:30 p.m.

Author(s): Owen M.

Attendance: Mrs. Curry, Mrs. Murray, Owen M., Zachary H., Jordan B., Samantha P., Trevor D. G., Gabrielle K., Connor F., Brandon F., Hunter B., Kevin C., Trevor L., Marquise W.

Tasks	Reflections
Robot Test Drive	The team tested the robot to make sure that the new code works.
Program Continuation	Samantha continued making the program for the robot so the robot would have a more specific program to follow.
Fixing the Screws on the Robot	The team realized that the screws on the robot were falling apart, so they put their effort into fixing and tightening the screws to fix the robot.
Gear Organizing	Trevor D. G. and another teammate organized the tray of bolts so the gears would be at the right place.



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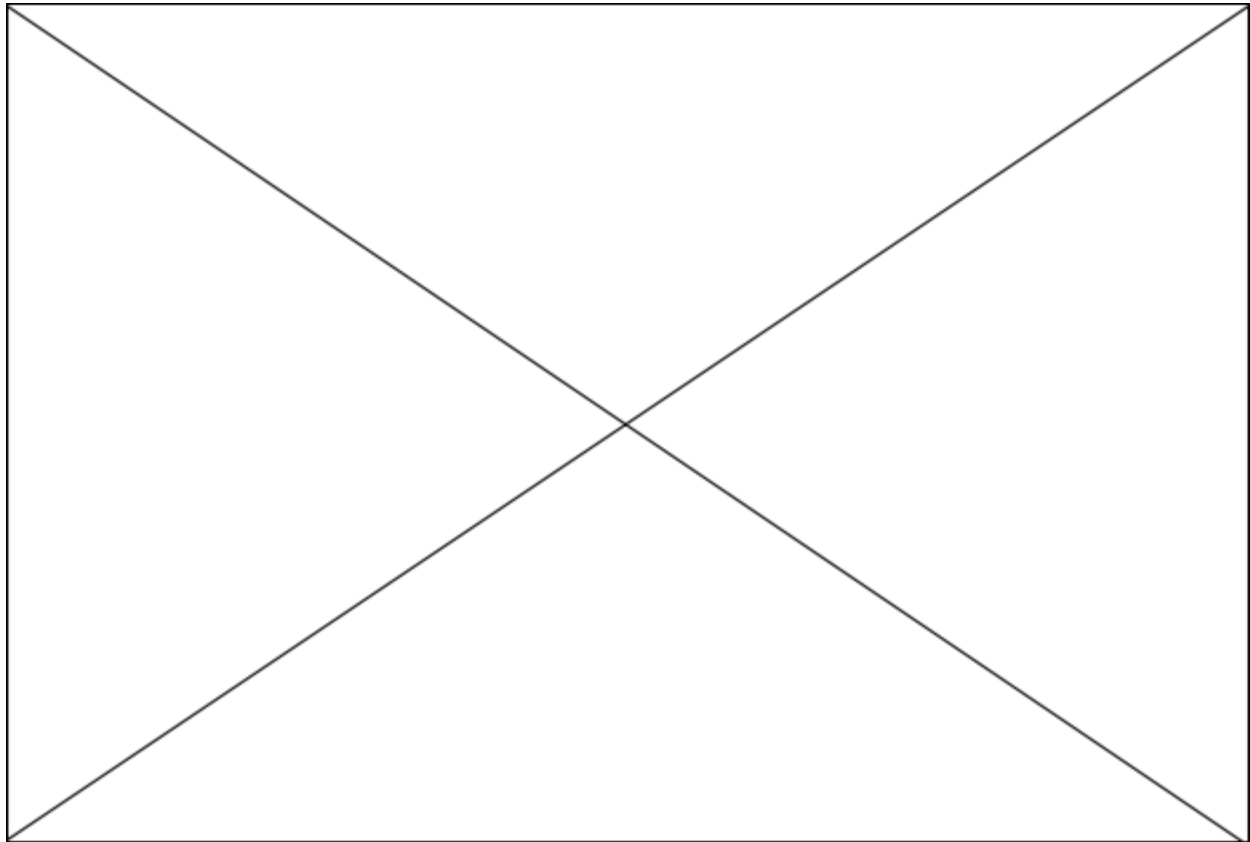
01/31/18 "Afternoon of Autonomous"

Time: 3:55 p.m. - 5:30 p.m.

Author(s): Owen M., Anup C.

Attendance: Mrs. Curry, Mrs. Murray, Will R., Owen M., Zachary H., Anup C., Samantha P., Gabrielle K., Chris W., Brandon F., Kevin C., Trevor A. G.

Tasks	Reflections
Robot Test Drive	Gabby tested the robot to make sure that it works.
Autonomous Instruction Videos	Every team member watched YouTube videos about the autonomous mode and block programming for reference when programing a color sensor for autonomous.
Robot Connection	Chris connected the robot by tightening the loose bolts on the robot.



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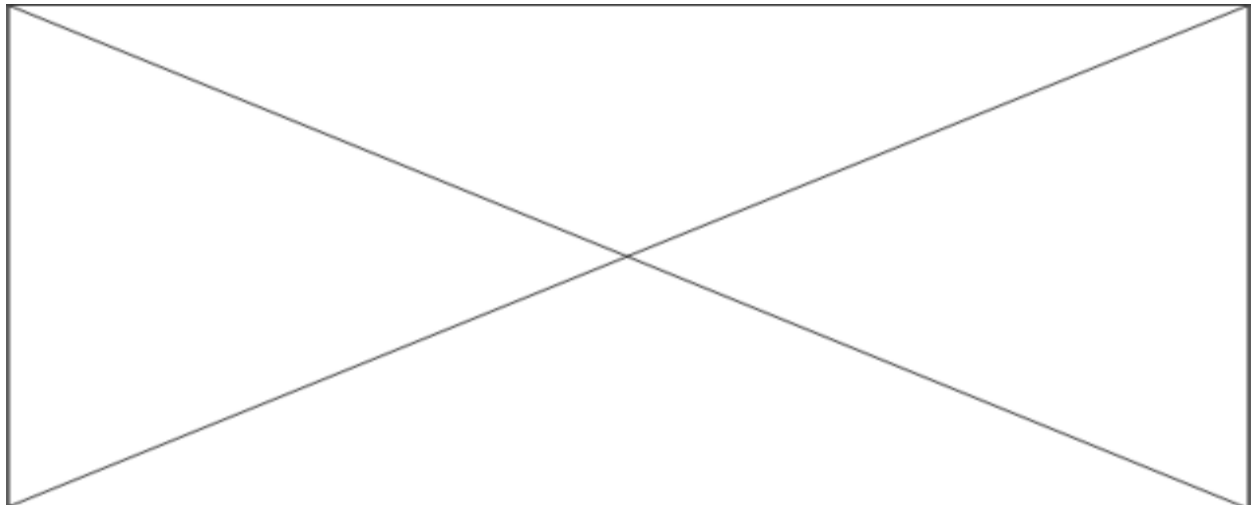
02/07/18 "Preparing for the Deep South New Jersey League Tournament"

Time: 3:45 p.m. - 5:30 p.m.

Author(s): Owen M., Anup C.

Attendance: Mrs. Curry, Mrs. Murray, Will R., Jordan B., Owen M., Zachary H., Anup C., Samantha P., Gabrielle K., Chris W., Trevor A. G., Saimahesh S.

Tasks	Reflections
Autonomous Code Expansion	Samantha expanded the autonomous robot code even further than before to be ready for the competition.
Tank Bot	Anup, Chris and Hunter made tank treads for the tank bot.
Meeting about Judge Interviews	Jordan, Chris, Samantha, Gabby, Anup, Zach, Mrs. Murray, Mrs. Curry, and Will had a short meeting about what to say during the judge interview at the Deep South New Jersey League Tournament.
Judge Interview Practice	A large portion of the YALiEns team practiced for the judge interview so they would be ready for the real judge interview. Mrs. Curry and Will pretended to be the judges while Jordan, Chris, Samantha, Gabby, Anup, and Zach rehearsed what they are going to say to the real judges.



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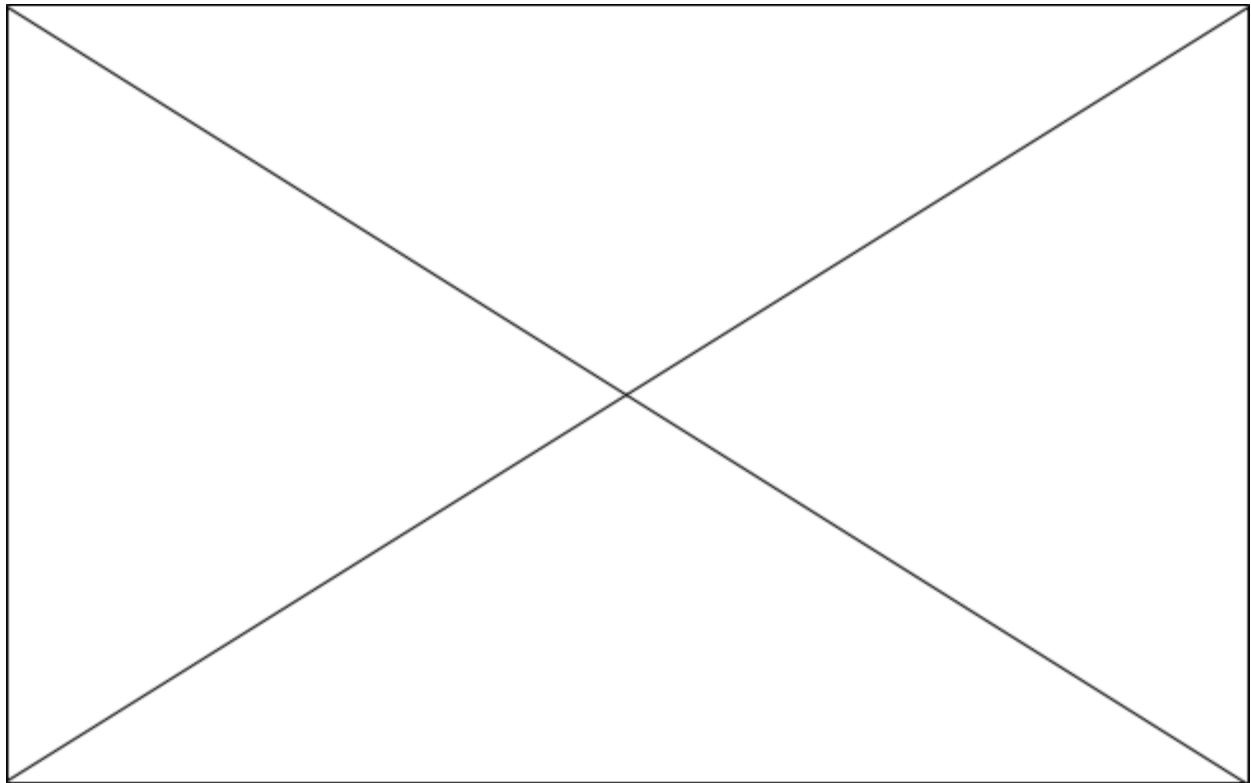
04/18/18- "Return of the Robots"

Time: 3:45-5:30 pm

Author(s): Owen M.

Attendance: Mrs. Murray, Mrs. Curry, Jordan B., Owen M., Samantha P., Christopher W., Trevor D. G., Gabbriella K., Saimahesh S., Zachary H.

Tasks	Reflections
Field Set Up	Jordan and others started setting up the practice field after two months of not having meetings.
Resume Robot Build	Trevor D. G. continued working on the mini-bot to improve stats and objectives from the previous build.
Crypto Box Build	Gabrielle, Chris, Zach, and others built crypto boxes and set up the field for practicing.
Tank Building	Trevor D. G. worked on the main robot, and finished the chassis.



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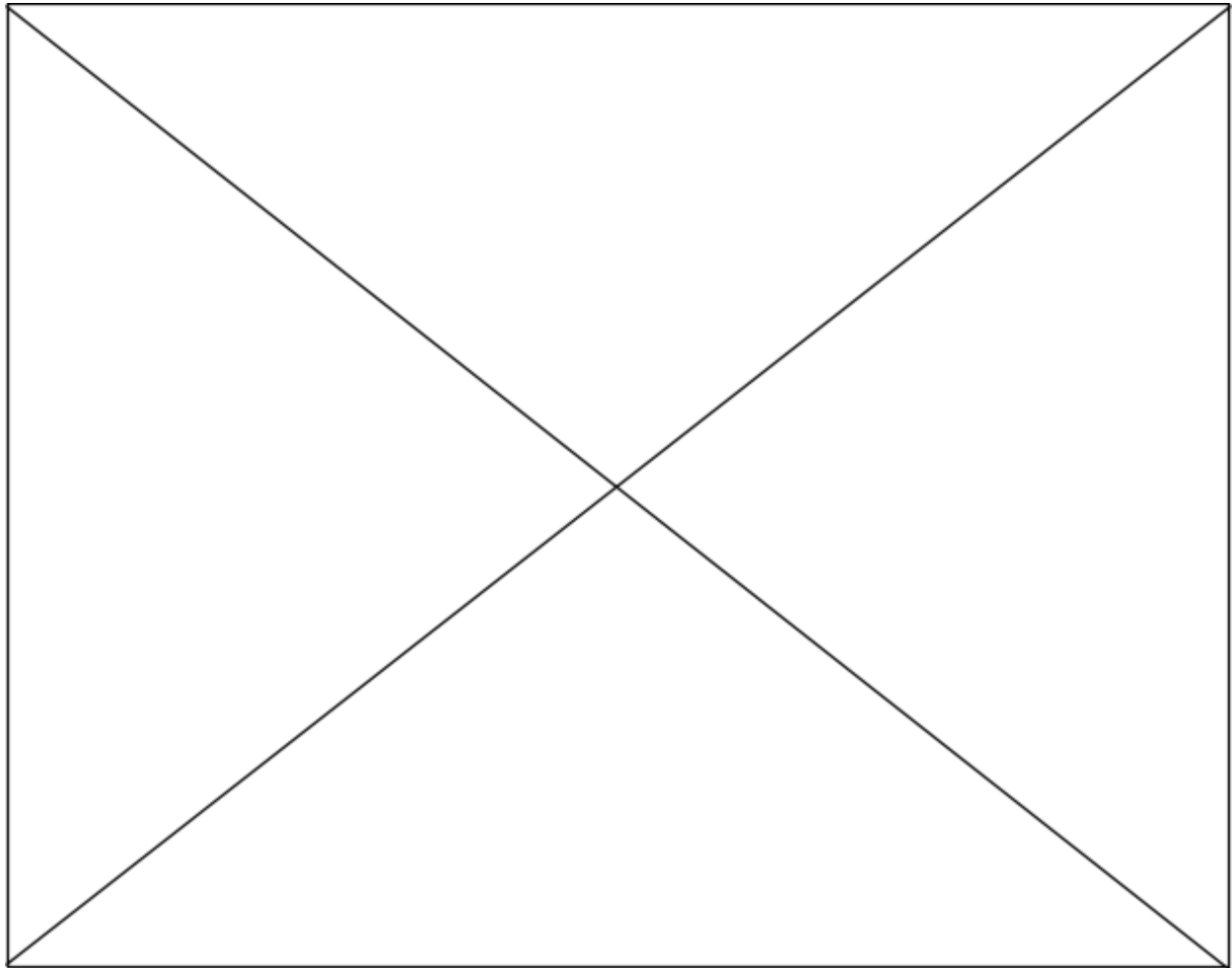
04/25/18- "Fundraiser Planning"

Time: 3:45-5:30 pm

Author(s): Owen M.

Attendance: Mrs. Murray, Mrs. Curry, Anup C, Samantha P., Christopher W., Trevor D. G., Gabbriella K., Saimahesh S., Zachary H.

Tasks	Reflections
Resume Robot Build	Trevor D. G. continued working on the mini-bot to improve stats and objectives from the previous build.
Fundraiser Preparations	The YALiEns started preparing for the fundraiser that the YALiEns are going to host.



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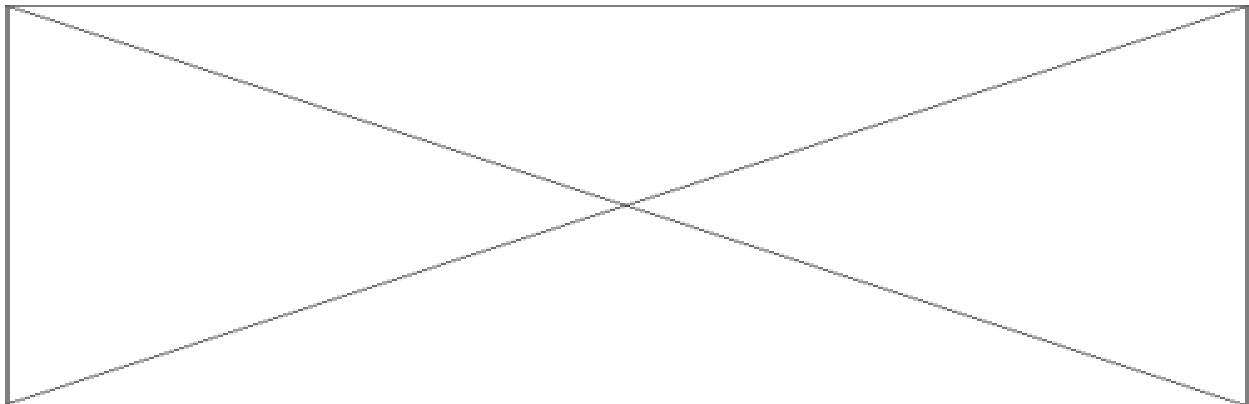
05/09/18- "Field Fix-Up"

Time: 3:45-5:30 pm

Author(s): Owen M.

Attendance: Mrs. Curry, Mrs. Murray, Jordan B., Owen M., Gerald P., Anup C, Samantha P., Christopher W., Trevor D. G., Gabbriella K., Saimahesh S., Zachary H., Andrew B.

Tasks	Reflections
Resume Robot Build	Trevor D. G. continued working on the mini-bot to improve stats and objectives from the previous build.
Fundraiser Preparations	The YALiEns started preparing for the fundraiser that the YALiEns are going to host and started looking for products.
Red Field Tape Repair	Owen and Anup started putting red tape on the red side of the field because most of it was taken off for some reason.
Pin Design	Jordan started working on the new button designs for all the members of the YALiEns Robotics team and for selling.
New Code	Samantha started working on an all-new code for the robot to obey so we can use a new strategy instead of trying the same routine we use at every event.
Tinkering With the Tank-Bot	Trevor D. G. continued working on the Tank-Bot so we have more than one robot to display for the next event.
Re-Balancing the Red Balance Board	Trevor D. G. and Gerald started trying to fix the red balance board because it stopped being stable.



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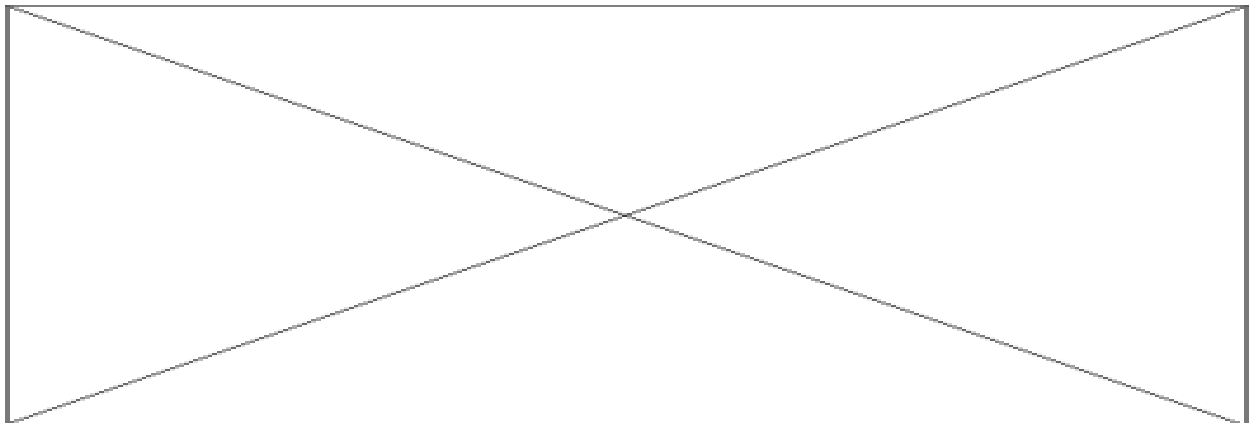
05/16/18- "Preparation for the Extreme Relic Recovery"

Time: 3:52-5:30 pm

Author(s): Brandon F., Owen M.

Attendance: Mrs. Curry, Mrs. Murray, Jordan B., Owen M., Gerald P., Anup C, Samantha P., Christopher W., Trevor D. G., Gabbriella K., Saimahesh S., Zachary H., Andrew B.

Tasks	Reflections
Resume the Red Field Tape Repair	Owen continued putting the red tape on the red side of the field and now the field has been field.
Finishing the Robot	The YALiEns continued working on the robot to make sure it is programmable at the Extreme Relic Recovery.
2019 Robotics Challenge, "Rover Ruckus", Revealed	The YALiEns watched a teaser of the 2018-19 school year's Robotics challenge, which is called "Rover Ruckus", and now the YALiEns will know what to expect and what to be prepared for next year.
Code Connection	Samantha started and finished connecting the programming code to the robot so the robot will know what to do.
Material Organization	The YALiEns started making an area of where to put all the materials they need to prepare the pack-up.
Code Help	Trevor helped Samantha and Zachary expand the code when they needed it.



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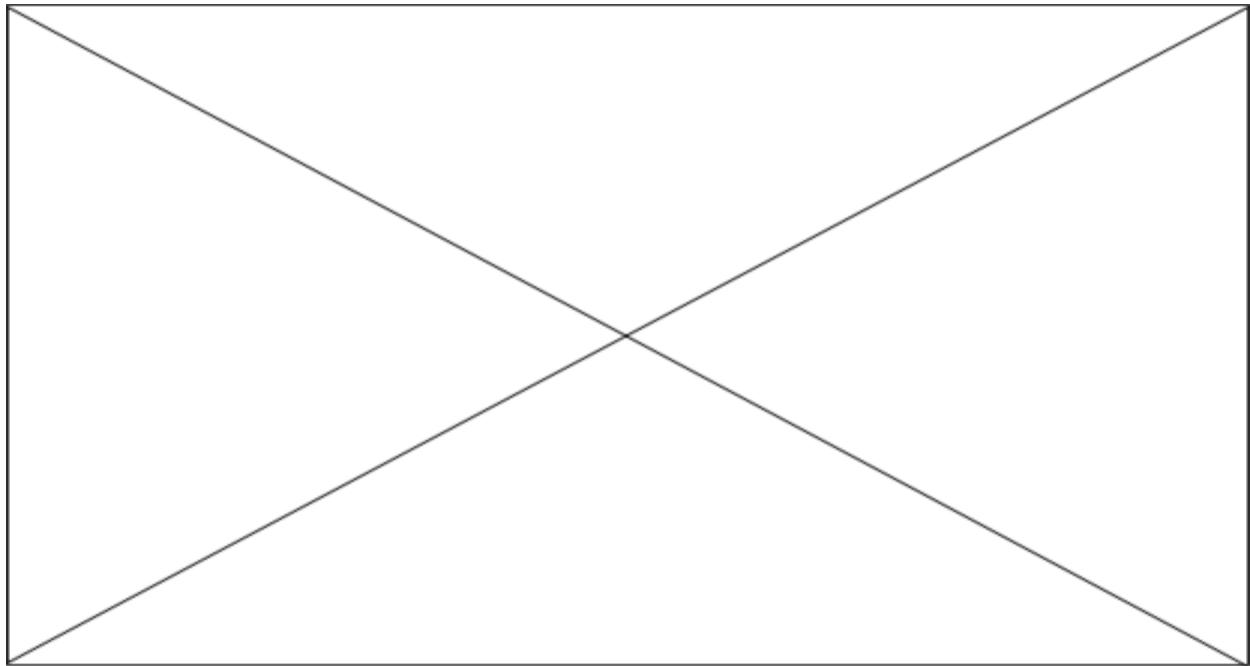
05/23/18- "Preparation for the Robotics Movie Fundraiser and the Outreach"

Time: 3:30-5:30 pm

Author(s): Owen M.

Attendance: Mrs. Murray, Mrs. Curry, Owen M., Anup C, Samantha P., Christopher W., Trevor D. G., Gabbriella K., Jeremy K., Zachary H., Saimahesh S.

Tasks	Reflections
Robot Tune-Up	Gabby and Sam started tuning up the robot and tightening screws to make the robot better.
Tank Bot Work	Chris and Jeremy tightened one of the minibots to make sure it works.
Building in Batteries	Trevor D. G. put batteries into one of the minibots so that the minibot can function.
Robot Test Drive	Sam used a controller to take the main robot for a test drive on the field.
Movie Poster	Owen started working on a poster for the movie fundraiser.



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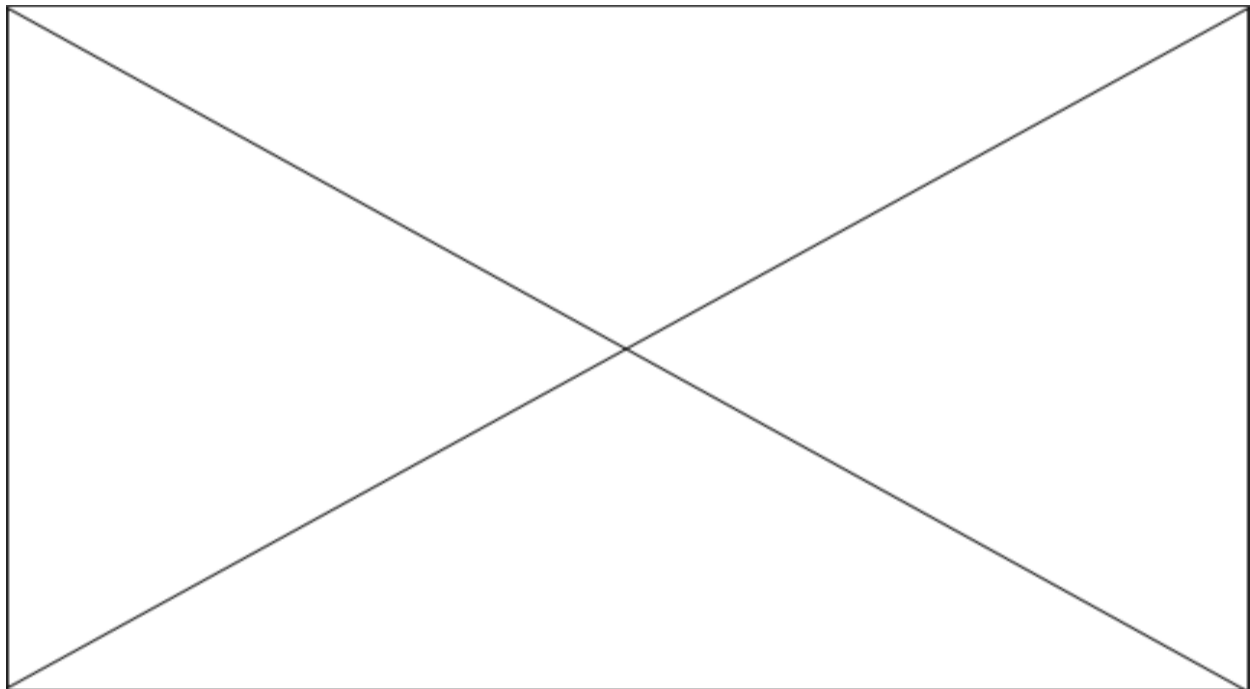
05/30/18- "The Final Robotics Meeting"

Time: 3:50-5:30 pm

Author(s): Owen M.

Attendance: Mrs. Murray, Mrs. Curry, Jordan B., Owen M., Samantha P., Gabriella K., Trevor A. G., Trevor D. G., Saimahesh S., Jeremy K.

Tasks	Reflections
Mini-Meeting Before the Actual Meeting	A small meeting was held at Y.A.L.E. school so the team could understand what the objectives of the meeting are.
Movie Fundraiser Menu	Owen started working on a menu for the fundraiser to think of the prices for the snacks that are going to be sold.
Mini-Bot Making	Trevor A. G. and Jeremy continued working on the Mini-Bot that may or may not be used... ever.
Tiny-Bot Tinker	Trevor D. G. worked on the two bots that are even smaller than the original Mini-Bot.
Pamphlet Perfection	Gabriella and Samantha worked on the pamphlet of our team to make it better and more neater.



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