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| *C:\Users\Lou4\Documents\Downloads\IMAG0396.jpgThe Block Busters* | | Team Number | *17361* |
| Team Name | *The Block Busters* |
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| School or Affiliation and Location | *Miami Valley School*  *Dayton OH* |
| Robot’s Name | *Fat Man* |
| Coach | *Louis Pochet, Mike Noyola* |
| Mentors | *Emma Ronnebaum* |
| Team Members | Lakshmi Jain, Sean Gupta, Asha Buerk, Charis Jarvis, Frances Peters, Sam Pochet, Mira Buerk, Caroline Shoup, Lily Rueckhaus, Nickolas Noyola | | |

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| **Our Team Members, Coaches and Mentors** |
| *Here is Information about our team that we would like to share.* |
| Team Members, Coaches and Mentors:  We LOVE to snack!!  Our emblem is hulk fists!  We love to do core value activities!  We have fun with everything!  We have helped 5 Jr. FLL teams!  Jr. Fll teams helped us build the missions for our table!  Most of us have little brothers/sisters in Jr. FLL.  We practice in two different locations.  When we were helping third graders for the Hour of Code, the table fell down, and then our robot fell, the computer they were using fell on top of that, and then a kid fell on top of that. Luckily our robot made it out.(the kid is ok too) |

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| **Our Strengths** |
| *Our team feels like we are strong in the following areas:* |

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| X | Strategy & Innovation |  | Research |  | Inspiration |
| X | Mechanical Design |  | Innovative Solution |  | Teamwork |
| X | Programming | X | Sharing | X | Gracious Professionalism |

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| **Robot** | C:\Users\Lou4\Documents\Downloads\iso_high.JPG*Robot*  *The Fat Man* |
| *Facts about our robot.* |
| Max score we can achieve: 680 |
| Favorite Mission: Animals+Compost/Truck Push |
| Favorite Feature: Big claw |
| Types of Sensors Used: Gyro, 2 light sensors |
| Other Information:  Our robot uses small red wheels on the side to help it move against the wall. We have a small push arm to help us move the truck. We also have flat sides to make move against the wall easier. |

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| **Project** |
| *Short description (an abstract) of our Project.* |
| Problem:  Our team decided to reduce food waste. We chose to focus on this idea on schools because there is a large amount of food waste produced in schools but almost none of the waste is reduced. To reduce it we decided to make compost out of the food waste.  **The big problem at schools is sorting compost.** Most schools can’t pay people to sort through the solid waste that is non-compostable. And most schools can’t get students to sort on their own. |
| Solution:  Our team’s solution for reducing food waste was to create a game that encourages students at schools to sort their own compostable waste. Now waste is sorted without the school paying people to sort through the compost. And the compostable waste doesn’t get thrown away. |
| Sharing:  We shared our game idea with the garden lady at our school, Mrs. D. who told us at the beginning of the year she can’t use school food waste because it’s not sorted enough. We shared our game with the head of our school, Mr. Jay Shuerley who made us write a report about our idea and showed us how to ease into composting by starting with one class at a time. WE shared with Brian Raison, the Director of community development for Ohio State who liked the idea. We also shared this idea with the head of the University of Dayton compost program, they could not get students to sort. |

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| **Core Values** |
| *How we show Core Values* |
| Favorite Core Value(s): Our teams favorite core value is We Honor the Spirit of Friendly Competition |
| Ways we show Core Values:  We use the core value we share our experiences with others when new to talk to our school’s Jr. Fll teams. We showed them our robot and a core values activity we had done a previous meeting. They came to one of our first meeting and they built most of our missions on our table. We also invited General Electric management team to one of our meeting so they could find out what a Fll meeting is like. The 6th graders on our team taught our 3rd grade classes how to program for the hour of code this year, it ended up being 5 hours of code and they broke our robot. |
| What Gracious Professionalism means to us:  We think Gracious Professionalism means when you have a competition, the team that wins won’t make the other team feel bad. At school when we have a competition, the that wins shouldn’t make the other team feel bad because we work in teams a lot so we’ll be on their team sometime anyway. |