

# Team Information Sheet



Team Number	3958
Team Name	GREEN MOUNTAIN GEARS
School or Affiliation and Location	TEAMS OF INNOVATIVE PROBLEM SOLVERS SOUTH BURLINGTON, VT
Robot Name	
Coaches and Mentors	PAUL FITZGERALD

Team Members	CAILIN FITZGERALD, MOLLY PELS
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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 (400 words max):

We are in 3<sup>rd</sup> grade. We met playing softball together. We both really love animals and the color purple. We joined the team because we are both curious. We like working together. We both play soccer. Cailin also plays violin. Molly's favorite food is pop corn and Cailin invented pizza with French fries as a topping. We were mentored by FTC Team 9721. They made our game models for us, helped us with core values, helped us with the PID algorithm. They were all once members of FLL team #3958.

## OUR STRENGTHS

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

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Strategy & innovation  | <input type="checkbox"/> Research                       | <input type="checkbox"/> Inspiration                          |
| <input type="checkbox"/> Mechanical design      | <input checked="" type="checkbox"/> Innovative solution | <input checked="" type="checkbox"/> Teamwork                  |
| <input checked="" type="checkbox"/> Programming | <input type="checkbox"/> Sharing                        | <input checked="" type="checkbox"/> Gracious Professionalism® |



## ROBOT

*Facts about our robot*

Max score we can achieve:

Favorite mission: BRIDGE AND FLAGS

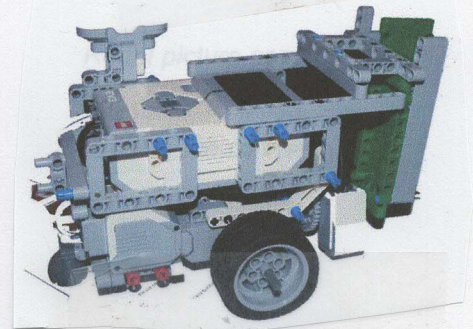
Favorite feature: CLAM SHELL CHASSIS

Types of sensors used: COLOR, MOTOR ENCODER

Other information (100 words max):

WE USE A PID ALGORITHM FOR LINE FOLLOWING.

WE USED A REMOTE CONTROL TO HELP WITH PROGRAMMING



## PROJECT

*Short description (an abstract) of our Project*

Problem (100 words max):

People clog city pipes when they flush the wrong things down the toilet.

Solution (100 words max):

We made a video game to teach people what should and should not go down toilet.

Sharing (100 words max):

We posted our solution and our other work online.  
We told our families about our work.  
We told FTC Team #9721 about our work.

## CORE VALUES

*How we show Core Values*

Favorite Core Value(s): FUN, DISCOVERY

Ways we show Core Values (100 words max):

FUN - laugh, smile  
Innovate - composed a song for game

What Gracious Professionalism® means to us (100 words max):

Following a good example and setting a good example.