

8

9/18/12

Today we dismantled the old
Robot, and built the base
for the new one!



project

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witnessed by:

date:

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✓EX

Testing: Taking your prototype out and trying the design in a game situation to see if it can be successful.
You will collect data to determine if your design meets its objectives.

9

9/13/12

Same as yesterday. Today, the functions that pertain
to nodes of navigation were added.

Ideas for something to go on top of the base



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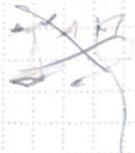
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12

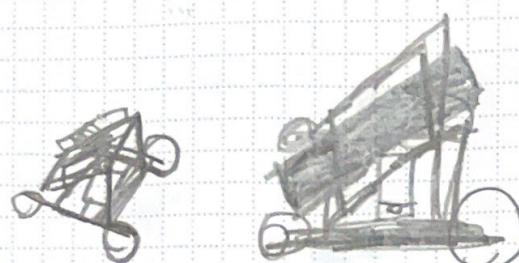
9/16/22

Brendan

Ryan

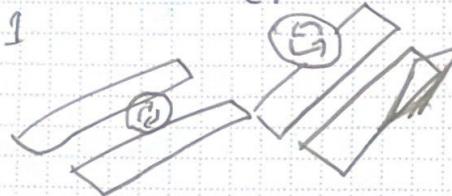


BRAINSTORMING How to Support
the Disk



options:

1



2.



REC

✓EX

Programming Flow Chart: Explain how the progression of your programming flows.

13

9/19/22

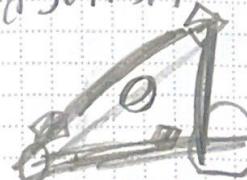
Brendan

went with option #2

fixed wheels

Added supports

Decided to alternate.



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14

6/27/22

- Not enough power to launch 6 blades
 (changes back to good 4 blades)

~~②~~ 120 i7 → 120 i3

Hub to Rotor was 10.0 in
 requirement



→ Hope

Feeling machine yet to be
 well architected

Want to add total prop spin



The new system can make flight about
 10% faster

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Johan



add piston to the boxes to be able
 to control it.



One can be stationary,
 and the other spins
FAST so the fast
 propeller spins.

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16

9/29/22

Ideas for shooting:

Have it drop into or have

which gun does it come with

Open school is doing



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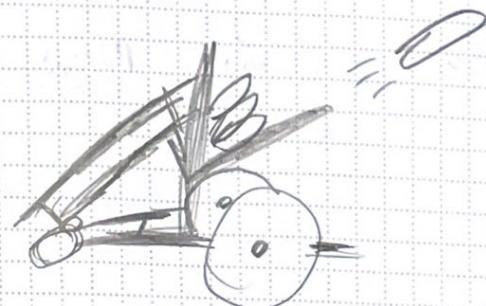
JEX

"Not everything that can be counted counts, and not everything that counts can be counted." - Albert Einstein

17

10/3/22

FESTING Shooter

trying to Brainstorm intake
based off of intake in tie back

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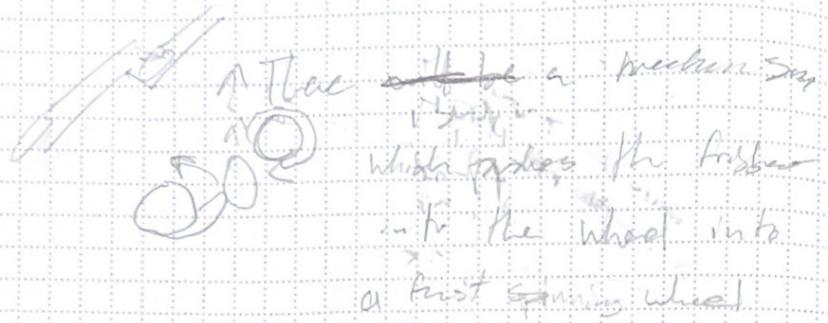
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18

10/11/22

a hopper was added.



We added a second motor (like a gearbox)
so the motor has more torque

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✓EX

Ocean Engineers solve problems related to the sea. They design all types of marine equipment from dams to deep sea vehicles.

19

10/11/22



got steering mechanism to work
using two motors

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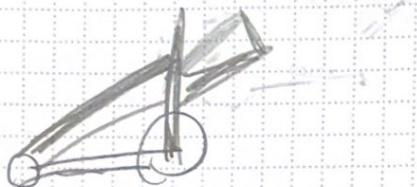
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20

10/15/22

BREAN KILPATRICK

took it all apart ~~and~~making new design to power
the big wheel!

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REC

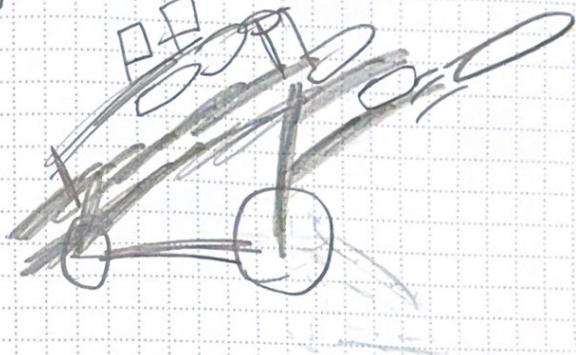
✓EX

"It's kind of fun to do the impossible." - Walt Disney

21

10/20/22

BREAN KILPATRICK

Added 2 motors on top with 2
big gears in 35:1

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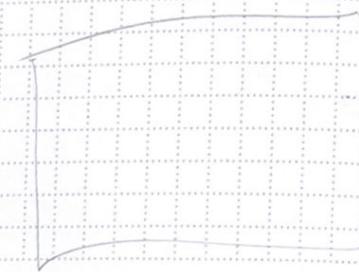
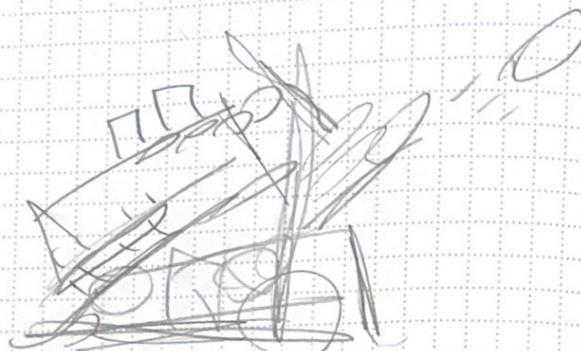
22

10/24/22

Started on intake

Shooter is the best

Adding new motors



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✓Ex

Biomedical Engineers solve issues in the fields of biology and medicine. The development of medical devices are applications of this type of engineering.

23

10/26)

Directions L1 = Shoot + ing
(inches 1, 2)
(Both ends)

Coding w Rygk

R1 = Intake
untried

Pusher L2 = 6

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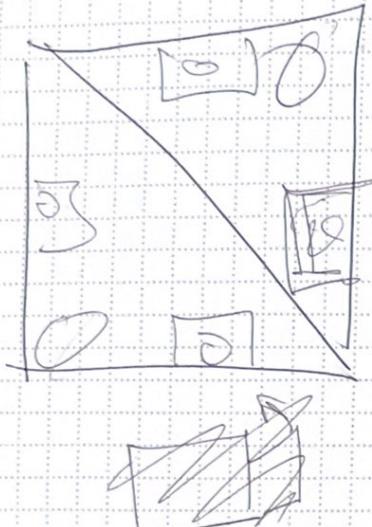
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11/13 | Autonomous Movie

~~Sketch!~~

Idea 1:

Rusher

Idea 2: ~~Pusher~~

Shooter

Do = Littlest of
Both

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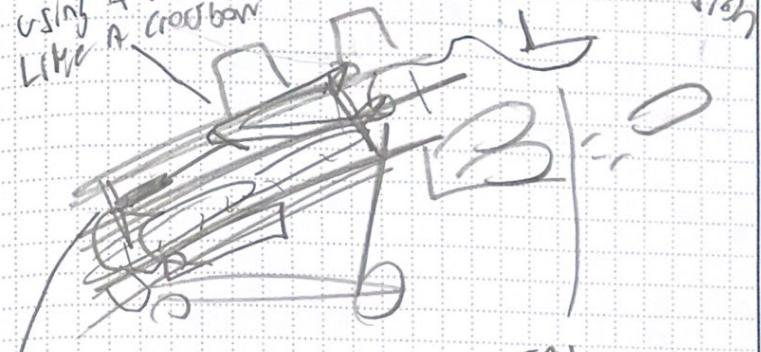
"Happiness... it lies in the joy of achievement, in the thrill of creative effort." - Franklin D. Roosevelt

25

Movie found 10 rotations 11/11

Shot 1 close into sand
dry phys.!

Adding Pneumatics for eye

using a rubber band
like a coiled band

ctrl expansion

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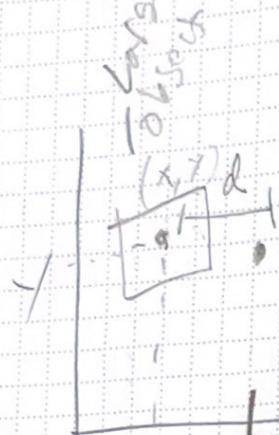
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26

11/15

~~Plans of autonomous~~



rotate robot \rightarrow compare
to center of target
object

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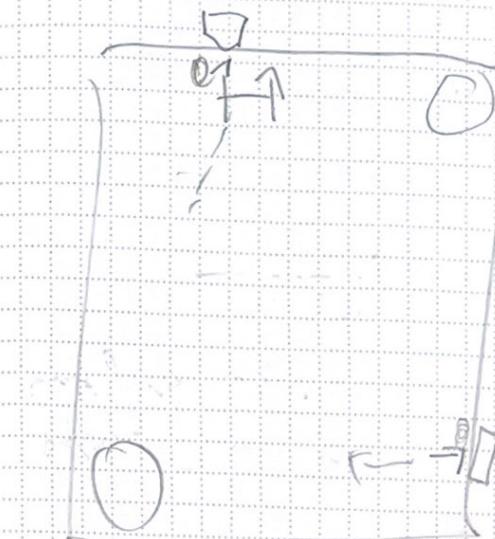
✓Ex

Computer Software Engineers are experts at the development and the maintenance of software.

27

11/17

~~Direction A was not
single~~



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28

28
11/21 - Shooter group F
L1 shooter
L2

everything broke when sick
changed it

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Ex

"If you can imagine it, you can achieve it; if you can dream it, you can become it." - William Arthur Ward

29

11/ 23 Alex, Brenden, Ryan

Comp notes:

- Ryan copied PDF
 - of code! (Not good)
Don't do again.
 - Motors stopped functioning
 - Let us see errors
to be fixed

Overall:

Not bad?
We won 2, lost 3

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..... date:
.....

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11/23 (pt 2)

Reasons we lost

- Team mate who -
- Intake stopped functioning
- Need to solve jams
- Pusher was weird

Solutions (to be done later)

- Check team mate before match, see if they are ready
- Code a reverse for Intake (and optimise it)
- Fix code for Pusher

project

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witnessed by:

date:

11/24 update

We fixed the code, and changed intake



using smaller
latches to
get closer
faster
smaller gears

Changed code from -if
functions to if/else statements.

Hopefully ready for next comp!

project

designed by:

witnessed by:

date:

32

11/28

Sleeker works again
still working on intake
Duster goes b7 1950P
Alex needs to fix Sleeker

project

designed by:

witnessed by:

date:

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vEx "It is not enough to have a good mind; the main thing is to use it well." - Rene Descartes

33

11/29 / ~~11/28~~

Fixed Phaser Brags, work on
Action mode, created 2 files
short Action and long Action.
Updated status on screen,
continued working on rendering engine.
Replaced asset on Mber L.

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