

Question and Answers

1. What am I designing?

A tractor with much better features.

2. Who would use it?

Farmers

3. How is it suitable for the people I am making it for?

It will help farmers plant ^{seeds} and dig up ground much more skillfully

4. What is it for and what should it do?

This is for Global Student Leadership and it digs up small sections of ground and then plants seeds in the ground.

5. How will it work?

A tractor will be the main piece of equipment and then these 2 conserved large pieces of metal will come out and do what is in the fourth question.

Design Criteria:

- drops seeds quickly and easily
- uses spades which are good with soil
- doesn't ruin as much ground as a tractor
- quicker which means it cuts farmers day short

My design:

Strengths of my design:

- easier to work with
- more thorough
- smarter technology

Weaknesses of my design:

- doesn't look great
- need to work on the placement

Improvements I can make to how my design looks:

- possibly fixing the position of the arms
- colour it green.

Improvements I can make to how my design works:

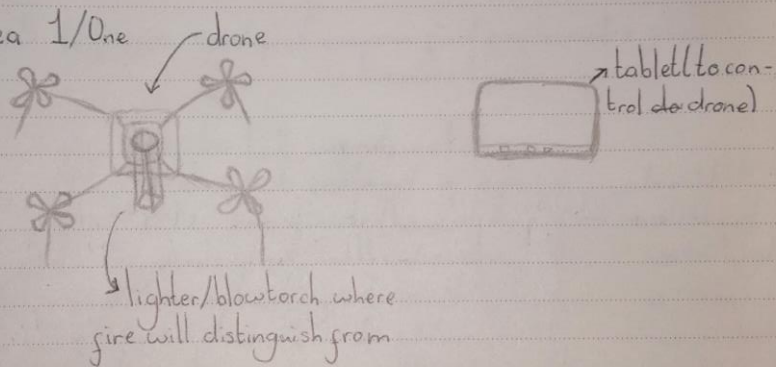
- faster with the expansion of the arms
- easier to drive
- maybe smaller

The Small Robot Project

gsl project

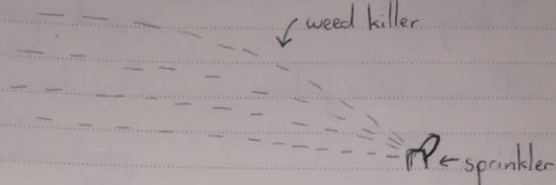
The existing machine i'm evaluating is a tractor. I think this is a good farm machine because it does the job which is planting the new seeds and removing old dead weeds plants. This machine could be improved by not having such a heavy metal and being so big, so it will be lighter on the soil and not destroy good plants.

Idea 1/One



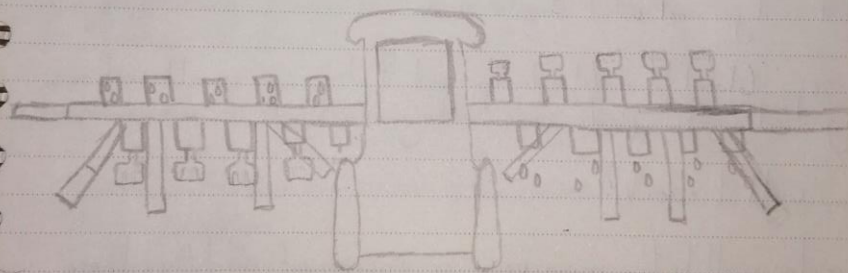
This is a fire spitting drone that you can obviously control from your tablet or chosen device. You will direct it to the weeds, a ~~specific~~ specific weed and on the tablet there will be a button in the app which will allow you to release fire (around the amount of fire a lighter would let flow but maybe more). I got this idea from the video since he was using fire to kill weeds but individually that would take way too long. So this way you can do it from inside the barn or wherever that is it is easier. My wish is that you guys could see this and help me pursue the project even if it's unrealistic.

Idea 2/two



This idea isn't the best or smartest because if the weed killer gets everywhere it will most likely kill the plants as well but it's still an idea and could most definitely be improved. My wish for this project is that I hope Small Pro Robot Company could help me improve it.

Idea 3/three



This last idea is probably the one I believe in the most. It is a that releases these arm like machine (almost like buzz lightyears wings) and it will have one arm on each side and on each arm there will be two sides. One side of the arm will release seeds and the other side will dig up small square like sections of ground to plant the seeds in. So instead of the normal heavy machine tractor that has to go up and down the farm where as this you cover more ground and it also will be more efficient and easier. My wish is for this is that it will succeed and small robot company will focus a lot of attention on it.