



BOWIE

XL

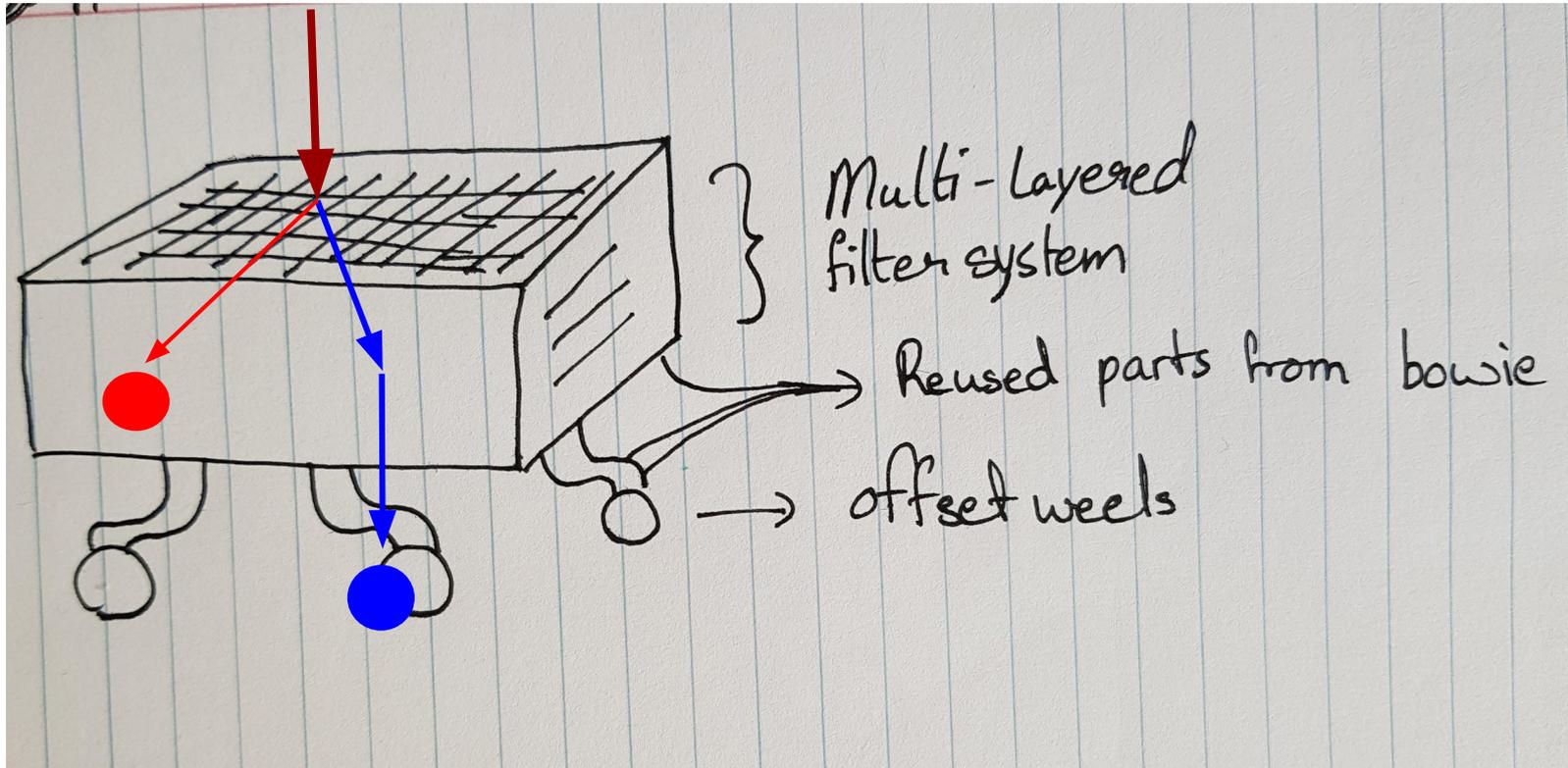


The Design

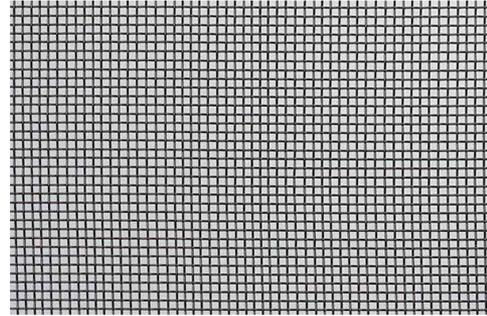
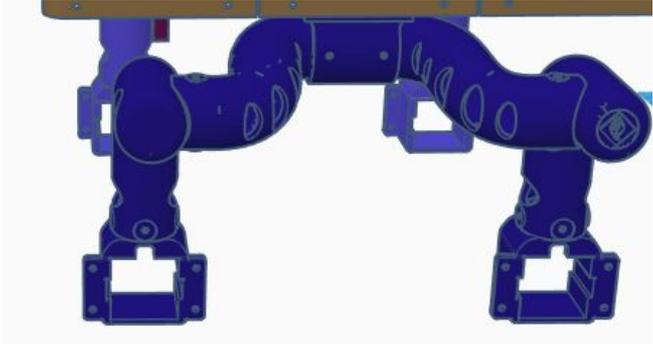
What does BOWIE need?



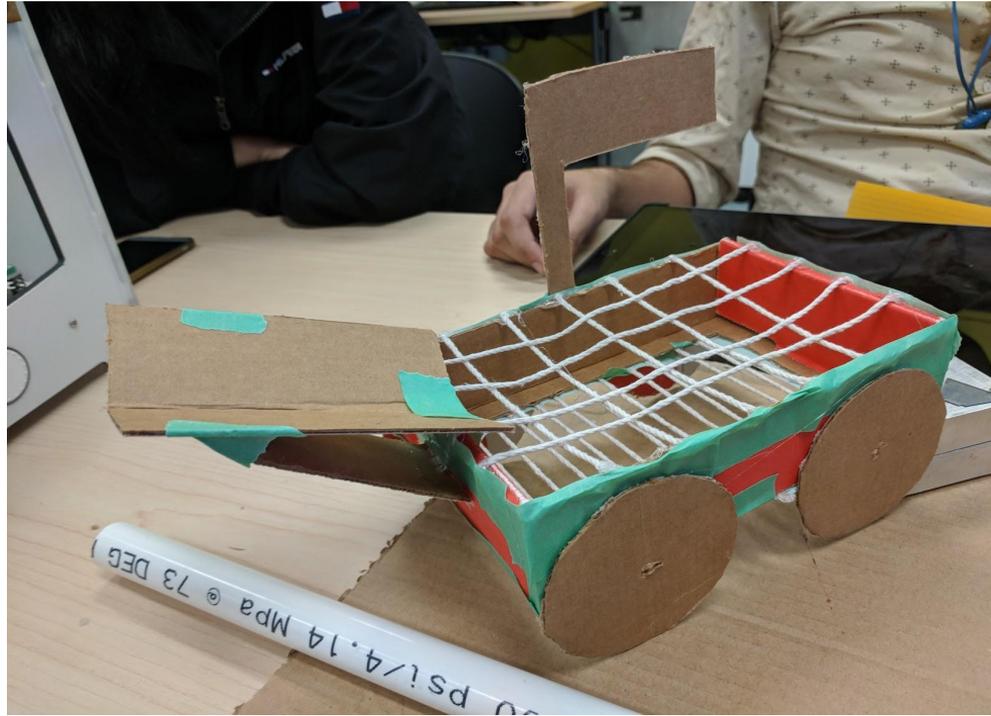
What we imagined



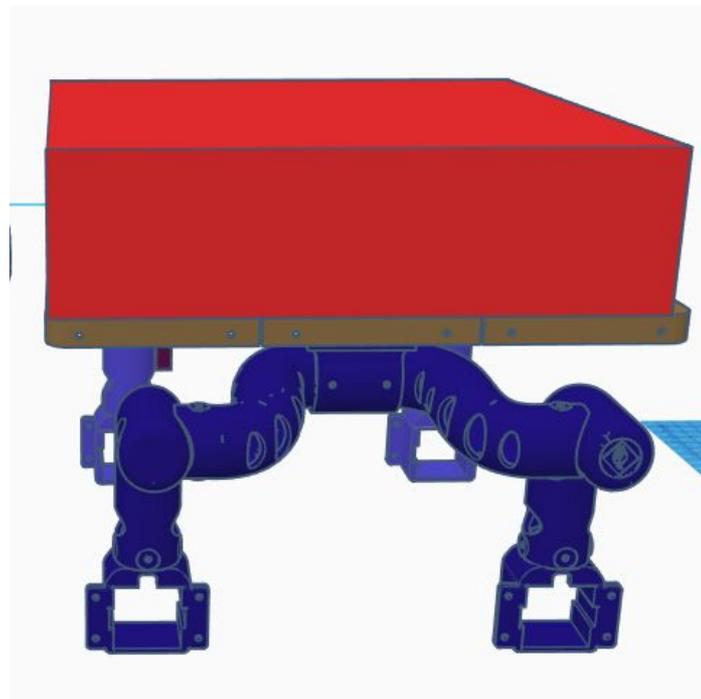
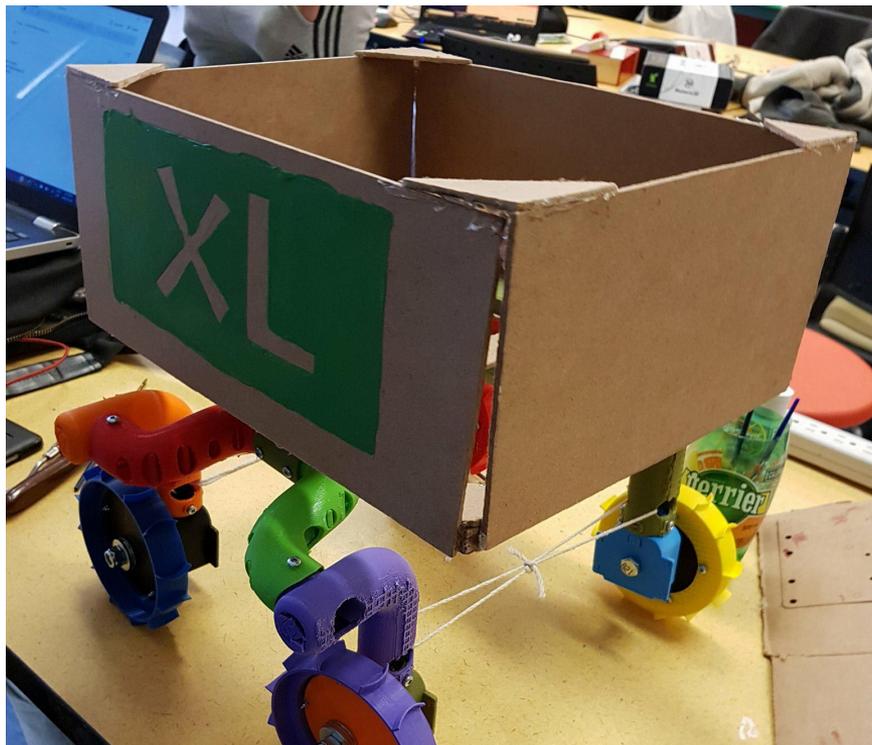
Benchmarking



First Prototype



Final Prototype



Costs

8	- miscellaneous hardware
8	- springs
13	- Acrylic (maker space)
4	- Wood board (maker space)
6	- steel
8	- Sieves
37	- Total

Moving Forwards

- Experimenting with various levels of axle offset in different terrains
- Removing string and adding 3D printed support
- Sealing wood components to prevent water damage
- Cover moving parts in axles with 3d printed tube
- Multi-sieve system implementation

The utility trailer:

- Space for additional battery
- Ability to host seed spreader or other modules.

That's all folks