

William Gilbertson

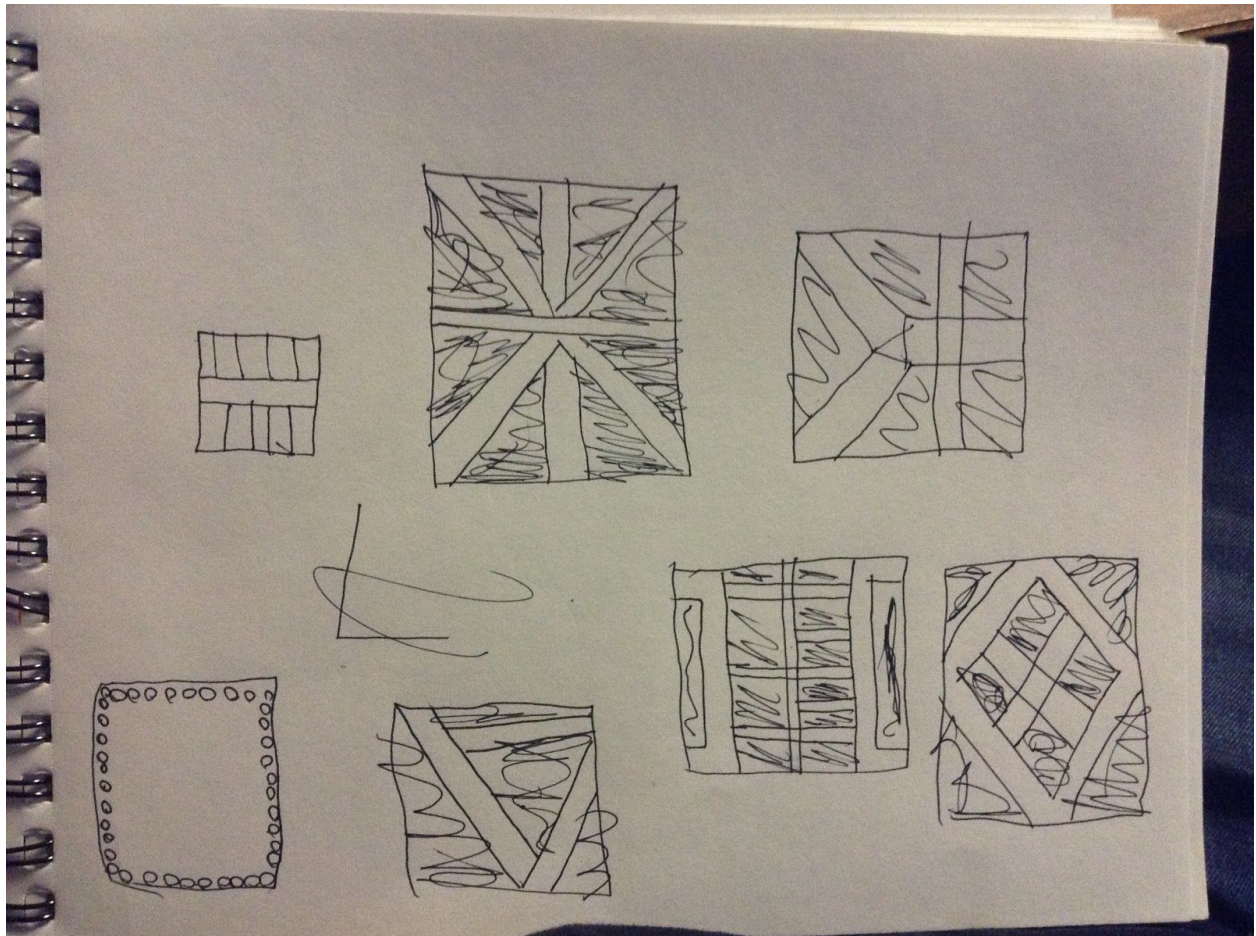
“Insects, worms and other small animals that carry out vital functions for life on earth have declined by 45 per cent on average over 35 years, threatening human health, water quality and food supplies...” -Steve Connor, “Vital invertebrates decline by 45 per cent, study finds,” independent.co.uk, July 2014

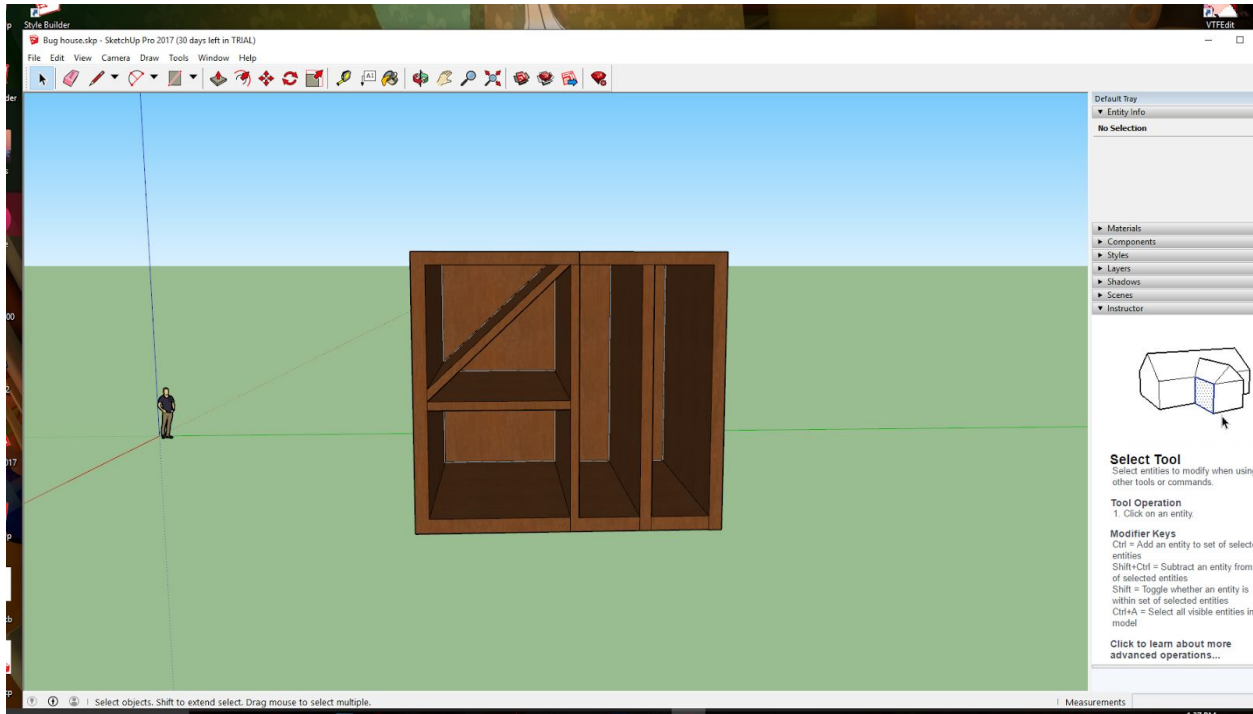
I noticed that there has been a change in bugs because when I was a kid I would get bitten by bugs all the time, but now it doesn't happen that often. Now that I have started this project I have been made really aware of the bug problem. There are 45% less bugs, and that is a problem. My favorite insect has to be the ladybug. A memory I have with ladybugs is when I was at my cousin's house and I found out they can bite as one bit me.

The design was motivated by the desire to make something that was as efficient as possible. The material used was reclaimed ash wood. We are using ash because it had to be chopped down anyway and if we hadn't used it, it would get be wasted. My bug house is meant to be set somewhere and left. It is made with a bottom mulligan board so that the piece itself is

not affected by water. Ladybugs like a lot of sticks and dry wood to hide in and live, so I am using those for my house.

I would have to tell everyone that this process is easier than it seems, and it can be as simple as a hole in a piece of wood that houses a bee, or a pinecone that houses flies. There is tons of info out there and I encourage you to look for it.





On an annual basis the contents can be accessed by using the key for the lock that will open the latch, Once open the box can be dump and filled with fresh twigs and wood.



This project was very complicated and required a lot of work. Starting out I had no idea what I would do and how I would come up with an idea. I sketched a bunch of drawing and eventually figured out one that I thought worked well.

I worked meticulously to get the project done. I hated using power tools and would have rather used a hammer and a hand saw, but I still got the project done. The worst part was the drilling of the holes that the screws would go into.

Looking back I don't really regret much that I did with this project. I made a really functional bug house that is going to take in bugs and keep them safe and help them grow.