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Creative Technology

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Week 4 Review

This week is a remarkably busy week. I spend 3 days in Make space and 1 day for making and editing the story video.

I used 3D printing to build my physical prototype because the shape of cactus which I made in Rhinoceros is complicated. Therefore, 3D printing could be the best and convenient way. To be honest, this is the first time using 3D printing for making my prototype, so I do not know how much time I will spend and there are a plenty of support structure around my prototype. It could be a quite impressive experience.



As you can see, I printed my little plant light separately, concluding two main parts the cactus light and the speaker. I moved all support structure, using sander paper to make them smooth. I initially planned using transparent material for printing the cactus light but Make space do not have enough transparent material for me. So I turned to use the white one. For the speaker part, I wanted to use green however they are short of green or yellow PLA material. Subsequently, I printed the speaker to green.



The picture above is the final result of the little plant light. I assemble them together, setting up Arduino and light. There is only one button in front of the speaker part. And I design that when users touch the button for 3 seconds the light will be turned on.



The next important part is that take a story video for my project and express my concept. Editing the video and adding music could be the difficult parts for me. It is also the first time for me making video. I putted many information and content in my video so I double the speed and type some words to explain some function. Eventually, this story video is consist of two interactions between friends though sharing music, some usages, words and funny music. I just want to express that friends can accompany with each other by the little plant light, transmitting your emotion and developing relationship.

To sum up, building physical prototype is a impressive and vigorous experience for me. I am fond of getting new skill of making prototype and have passion on different machines. Next time, I think that I should book some material ahead and consider how it could be the fastest way to make it. For my story video, next time, I should make it more logical and clear. I know my shortage so I want to enhance this area in the future.