

April James

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### Project Proposal: Museum For Electrons

My project proposal is titled, "Museum for Electrons". Since no one can leave their houses, I thought it would be fun to make a little walk-through art exhibition that at least electrons can enjoy.

The concept is a walk-through gallery that the user can look through and control their movement using WASD instead of being fixed at a point. The gallery will be a simple construction of a few rooms connected together, and each room will feature a sculpture that plays with various elements that we have learned about throughout the term. Some examples that I have in mind for "art installations" are:

- a sculpture could be a frog floating on a pond
- a campfire giving off light
- a boombox with a visual representation of music coming out of it as an animated object distorted with shaders
- a night sky with lightning bugs

This will allow for experimentation with all the concepts we've covered, such as animation, shaders, and lighting, while also providing enough variation to be interesting. The element of mobility with keystrokes will be an interesting challenge to figure out (unless it's a super easy change that I'm not aware of yet...). For each sculpture, I will also include a framed plaque that contains text briefly describing the sculpture.

