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|   | *Pros* | *Cons* |
| *Design 1* | -Good use of space-Clips are good idea to hold different layers-Good place for Geiger tube-Gear to wind it up-Magnets to hold the things-Included a camera-Separate mechanism to move each piece of plasticIncluded camera | -Cluttered-Strings get tangled-No way to get plastic to the Geiger tube-Magnets could interfere with electronics-When the plastic is pulled loose from the wall, design is doesn’t function-Pulley looks like it’s behind the Geiger tube-Too cramped-Camera not wired yet-Pulley system won’t pull the plastic in the right place |
| *Design 2* | -Plenty of space-Well organized-Looks functional-Simple design, reliable-Plastic layer that separates box-Included a camera-Works well in microgravity-Space efficient-Simple to sketch-Good camera angle-Simple, easy to get parts-Simple design-Not very problematic-Easily viewed by the camera | -Have wires outside the box-Plastic layer goes all the way across the box-One directional motor-Tangling of the string-Breakage of the string-Ground based might have other issues-Motor placed too high-Placement of tube-No space for redundant system-Motor too far away |
| *Design 3* | -Geiger tube in the middle-More layers-Included a camera-Efficient use of space-Unique design-Camera placement is good | -Too complicated (unreliable)-Constant power needed for electromagnets is problematic-Coding difficult-Magnets could interfere with electronics-Power consumption higher-No wiring or mounting device for the camera-Motor is oriented incorrectly-Hard to fit 2 motors-Camera looks flat |