

## **Paired Project Problem - Planning your project**

The structural intentions are that the stills and worded-details are placed on the poster.

The poster is structured like a typical science-research poster with stills of animations, graphs and data. The animation and three-dimensional model would be displayed on the projection from a Python-written program. The topic of these are from the responsibilities of modeling the motion of particles in an accelerator.

Recently, Gregory has installed the software to process the model. Within the next four weeks, leaving the last week free to work out some kinks, we have mainly separate and some shared roles. Within this week, Gregory will be learning to use the software, while I gather notes and physical materials for the presentation. The following week, Gregory will do simple particle models while I structure her data into a readable format on a science poster and printouts. Next, together, we would write down computations used in the models. Finally, on the fourth week, Gregory would make simulations with model while I animate it in a painted form. From there, we adjust and finish the poster.

In general, our responsibilities are separated by technological and practical prowess. Technologically, Gregory would program and model by Python. Artistically, I would write and format the poster. Together, we take notes and write computations for the work on modeling the motion of particles in an accelerator.