**Notes from debrief with Anna, Dave, Sam & Geoff - 29/01/2021**

***How it went/ what went well***

* Split up the nanoparticle part from the nanoprism part in the later camps. This split up the computation simulations up a little- gave the students a good break.
* Did the nanoparticle part before the experiment- it was a good preface

***What we want to change / add***

* Split into three parts- give new titles to make three clear sections and their main learning goals
* **First section**
* Add in more molecules
* Reword some questions- some confusing
* **Second section**
* Look at adding simulations for the neighbours bulk and high energy surfaces section-
  + Emphasis on the properties of high energy surfaces and its roles
  + Add emphasis to the bulk model and the role in clusters
  + Surface to bulk ratio - so much of nanoparticle is surface- corners look how they are even more reactive
  + Movie or simulation of a surface area model. E.g. 1 m cube vs 1 cm cubes in the 1 m box, and so on – more surface area – maybe have a way to cut the shape in half and show SA getting bigger as its cut more. Compare the size to real life objects
  + Steppingstone for editing scripts- edit previous ones ‘extra for experts’
  + Surface plasmon resonance animations
    - Maybe have put particle size in- circumference- wavelength- pick what colour you think it is
* **Part three**
  + Reframe- make as an example to the nanoparticle section- add video etc
  + Could put colour/size in the middle section i.e part two into the surface plasmon resonance section? – we never decided an actual section so will be up to Geoff when it fits in best.
  + Add a bit about how nanoparticle actually grow
    - Maybe go into stacking defect and show simulations with it
    - Add simulations to show growth- how the atoms join on the surface etc