

APPENDIX B

Wonder Investigation:

The goal of this project is to pursue an idea that **you** find interesting. You will choose a topic from your wonder journal (or a new and different wonder) and pursue some answers, ideas and most importantly further questions related to that wonder.

The goal is not necessarily to prove one single answer, but to understand something to a greater degree and then consider all the new questions that come along with that wondering and investigating. The project will entail the following:

- a public presentation (preferably a poster, museum display or other visual of some sort) that will highlight:

- a) the wonder itself,
- b) the information identified to make more sense of that wonder (diagrams, sketches, thinking map, etc.),
- c) content background regarding key scientific concepts behind that wonder (definitions, models, etc.),
- d) list further questions related to that wonder,
- e) how might you design an experiment or process to answer those further wonders,
- f) and lastly a few ways you might consider using wonder in a classroom context.