IB Group Science Investigation Project Details – 2015/16

Group 3

**Group Members**: Alejandra Ulloa, Jose Ivan Mendez, Stibali Bautista, Christian Araujo

**Group Project Description**: Identify technologies that can be used to clean up the following chemicals: copper, iron, ammonia nitrogen, pH, nitrate nitrogen, and phosphorous.

**Group Resources**: Research on the Internet the technologies available to filter out the contaminants mentioned above. Include the necessary materials and methods for removing the water pollutants.

**Group Output**: Group 3 report will include the following:

* Title page including group title, group members, and date.
* Introduction – purpose, general description of activity, why this is of interest or of importance relative to the general project, and brief summary of what the report contains.
* Main body – describe the technologies and methods available to remove the contaminants in the water at Sunbeam Lake.
* Conclusion

**Report Format:** Times New Roman, 12 font, double spaced, minimum two pages. Title Sheet must be a separate sheet. Reference sheet is a separate sheet at the end. Use APA style for references.

IB Group Science Investigation Project Details – 2015/16

Group 4

**Group Members**: Brenda Lopez, Frederico Molina, Isabel Mendez, Marco Torres

**Group Project Description**: Perform an economic evaluation comparing and determining the impact of the technology (ies) used to remove the pollutants. You will focus on the technologies found in group 3 that can be used to clean up the following chemicals: copper, iron, ammonia nitrogen, pH, nitrate nitrogen, and phosphorous.

**Group Resources**: Use the Internet to find the cost of using the technology (ies) described and the impact it will have on the residents and the local flora and fauna.

**Group Output**: Group 4 report will include the following:

* Title page including group title, group members, and date.
* Introduction – purpose, general description of activity, why this is of interest or of importance relative to the general project, and brief summary of what the report contains.
* Main body – list the equipment needed to remove the pollutants, where can the equipment be rented, how it affects the residents and flora and fauna.
* Conclusion

**Report Format:** Times New Roman, 12 font, double spaced, minimum two pages. Title Sheet must be a separate sheet. Reference sheet is a separate sheet at the end. Use APA style for references.