**Biology Honors, 2019/2020**

In this course, students will explore a scientific topic of interest to them in depth through year-long experimentation. Students will develop a research question, design an experiment, collect and analyze data, form evidence-based conclusions, and share their findings with their biology class and at both the SLCSE and the University of Utah Science and Engineering Fair in March.

To participate in biology honors, students must notify Ms. Moretz of their interest by August 30th. Once enrolled in the class, students will remain in honors throughout the course of the year. Should assignments not be completed, the individual’s biology grade will be deducted one letter grade. They will not be removed from the honors class.

Biology honors credit will be based upon successful completion and revision(s) of the following:

* Attendance to all pre-arranged honors meetings
* Development of research question
* Detailed, properly cited, annotated background research
* Appropriate and timely correspondence with mentor teachers/scientists
* Thorough and complete procedure
* Procurement of necessary lab equipment
* Timely and accurate collection of all meaningful data
* Statistical analysis of data
* Thoughtful, evidence-based discussion of results
* APA style literature cited

To help offset the costs of science fair, multiple grant opportunities are available for students to apply. It is the studen’ts responsibility to apply for these funding opportunities, if they are interested in financial support. **Potential** costs include:

* Registration fee for the University of Utah Science and Engineering Fair
* Printing of the final project as a poster from the school district
* Research and lab materials that aren’t otherwise available at SLCSE