

COURSE TITLE: IB Biology Year 2

Level of Difficulty	Estimated Homework	Prerequisites
Very Difficult	60-90 minutes	District: B- or better in IB Biology 1 Department Suggestion: B- or better in IB Biology 1

Course Description:

In IB Biology 2, students will continue exploring the interrelationships between core biological concepts through investigation and inquiry skills, research, analysis, and application. As part of IB Biology 2, students will conduct their own extensive, independent research and wet lab on an approved question of their choosing. Students will communicate their findings in a complete, formal lab report following IB's format as learned in year 1. This internal assessment will be a significant class grade as well as a percentage of their final IB exam score. Other units of the course include human anatomy and physiology, animal behavior, and analyzing primary research for understanding.

Grading:

The grading system is based on weighted categories. Each assignment will have a point value within the weighted category. Assessments and labs are weighted more heavily than homework. Individual teachers may make modifications on the weighted percentages. There will also be a cumulative end of course final exam.

Syllabus:

To be provided by teacher

Supplemental Information:

During the course, IB Science students will work outside of class in groups of 3-5, composed of both IB Biology and IB Chemistry students, to conduct a joint exploration of a scientific topic.

Students will be prepared for the Higher Level exam in May of the senior year after taking NPHS's Honors Biology, IB Biology 1, and IB Biology 2 as these courses were designed in sequence to ensure all IB Biology content and skills were taught.

Homework Estimate: This is a general guideline for planning and scheduling purposes. A student's ability level may affect actual amount of time needed.