

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, 10 hour 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. Other units of the course include gene regulation, human anatomy and physiology, and analyzing primary research for understanding.

Grading:

The grading system is based on a combination of formative and summative assessments. Homework is assigned for practice and reinforcement and therefore has a lower impact on the overall grade when compared to labs, quizzes and tests. There will also be a heavily-weighted cumulative end-of-course final exam where students can demonstrate their level of mastery in a summative context. This exam will be taken prior to IB Testing in May. The grading system is based on weighted percentages. Each assignment will have a point value within the weighted category. As stated previously, assessments and labs are weighted more heavily than homework. Individual teachers may make modifications on the weighted percentages.

Syllabus:

This is the second year of a two-year IB biology HL (Higher Level) course. For more detailed information, here is a link to the [IB Diploma Program Subject Brief for Biology](#).

Supplemental Information:

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 preparation time needed.