



FLEX HeadStart: Health Science / Pre-Med Pathway Biology Olympiad Jr. Preparation 1C

Instructor: Eric Park

February 2nd-April 20th, 2022

Wednesdays 6:15-7:45 pm

Course Description

FLEX's Biology Olympiad Junior program is designed for current 8th and 9th graders who have an interest in the biological sciences and have NOT yet taken Biology or Biology Honors. Students will learn the 18 fundamental concepts of biology over the course of the school year to prepare them for high school-level Biology, Biology SAT subject Test, as well as build a strong foundation for Biology Olympiad 1-2 years in the future. The class will include a discussion of several careers that are possible in the fields of biology ranging from medicine to bioinformatics to green technologies.

Topics will include:

Plant Anatomy	Muscles
Tissues	Circulatory and Respiratory Systems
Stems, Leaves, and Roots	Heart
Ecology	Lungs and Gills
Energy and Matter Cycles	Digestive Systems
Ecosystems	Excretory Systems
Intro to Animals	Endocrine and Reproductive Systems
Animal Classification	Hormones
Invertebrates	Gametogenesis
Nervous System	Immune System
Neurons	Innate and Acquired
The brain	Immunity
Skeletal and Muscular Systems	Diseases
Bones and Connective Tissue	

***Register by 12/15 and receive:**

- 20% off Tuition
- FREE 4 Week Preparation Course:
 - Classes on 1/3, 1/10, 1/17, 1/24
 - Wednesdays (6:15-7:45 pm)

Instructor Background: Eric Park (FLEX College Prep Master Instructor)

- 10+ years teaching tutoring students in Math and Science, as well as ACT and SAT.
- 3 years teaching in the biomedical sciences and served as a peer mentor/tutor for under-resourced students in STEM.
- Education: M.S. Kinesiology - CSU Northridge
B.S. Physiological Science - UCLA

Program Objectives:

- Preparation for 9th Grade Biology,
- Full Preparation for SAT Biology Subject Test
- Beginning USA Biology Olympiad Prep

Curriculum: Miller Levine "Biology" (provided)

Tuition*:

- \$1,495
- Curriculum: \$50

For more information or to register, please contact headstart@flexcollegeprep.com
or call **(408) 252- 7742**.