



Health Science / Pre-Med Headstart Biology Olympiad Jr. 1B (8-9th Grade)

Instructor: Michael Funaro
February 5th-May 7th, 2021
Fridays 4:00-5:30 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	Systems
Ecology	Heart
Energy and Matter Cycles	Lungs and Gills
Ecosystems	Digestive Systems
Intro to Animals	Excretory Systems
Animal Classification	Endocrine and Reproductive Systems
Invertebrates	Systems
Nervous System	Hormones
Neurons	Gametogenesis
The brain	Immune System
Skeletal and Muscular Systems	Innate and Acquired Immunity
Bones and Connective Tissue	Diseases

Program Objectives:

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

Curriculum: Miller Levine "Biology" (provided)

FREE 4 Week Preparation Course:

- Register by 12/12
- Classes on 1/8, 1/15, 1/22, 1/29
- Fridays (4-5:30 pm)

Instructor Background: Michael Funaro (FLEX Principal Tutor)

- UCLA: BS/MS in Bioengineering
- Former high school math & science teacher
- Other experiences include: Johnson & Johnson, Medtronic, Genzyme

Tuition: \$1495 (+\$50 curriculum fee)

- Early Registration or Returning Students: \$200 off by 12/12
- Discounts cannot be combined with other offers
- Tuition must be paid in full to receive discounts

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