

Summer@IMSA 2018

Metro East Area

*Discover the Possibilities with IMSA
Summer Enrichment Programs!*

BioSleuths (Students entering Grades 3-4)

Survival of the fittest! Come explore how plants and insects survive in a world dominated by humans. Bring an observant eye and ear as we investigate unique interactions between living organisms. Dissect a grasshopper and flower, test how ants respond to stimuli, create an insect soundscape, and more! The hands-on explorations, inquiry-based activities, and modeling will leave students buzzing with excitement!

CS IMSA (Students entering Grades 5-6)

Calling all forensic investigators!--We've come across a mystery and need your help to crack the case! As part of this program, participants will work in teams to gather evidence as they unravel the science and mathematics behind crime scene clues like finger and footprints, DNA, handwriting, voice identification, and more! At the end of the week, teams will analyze their evidence, make deductions and propose their theories to solve the mystery.



Vital Signs (Students entering Grades 7-8)

Is there a doctor in the house? This program will give budding medical students a general understanding of human anatomy through hands-on explorations of the heart, blood, skin, bones and muscles! Participants will perform a sheep heart dissection, practice suturing, explore the physics of blood flow, and much more! They will also engage in a fun and challenging bioengineering project that will allow them to apply engineering principles and practices to the structure and function of the human body.

Three weeks to choose from! Pre-registration is required. Click [here](#) for more information.

June 18-22: BelleValley School, Belleville

Time: 8:30 a.m. – 3:00p.m.

July 9-13: BelleValley School, Belleville

July 23-27: Whiteside Middle School, Belleville

Cost: \$295 per student

Registration deadline: May 31, 2018. Scholarship application deadline: May 1, 2018.

Limited number of scholarships available, courtesy of Scott Air Force Base S.T.E.M. Advisory Group

Scholarship applicants need only meet 1 of 3 criteria to be considered:

(1) Military-affiliation (2) Financial need (3) Resident of the MetroEast

For more information, contact Dawn Waller: 618.791.3855 or dwaller@imsa.edu