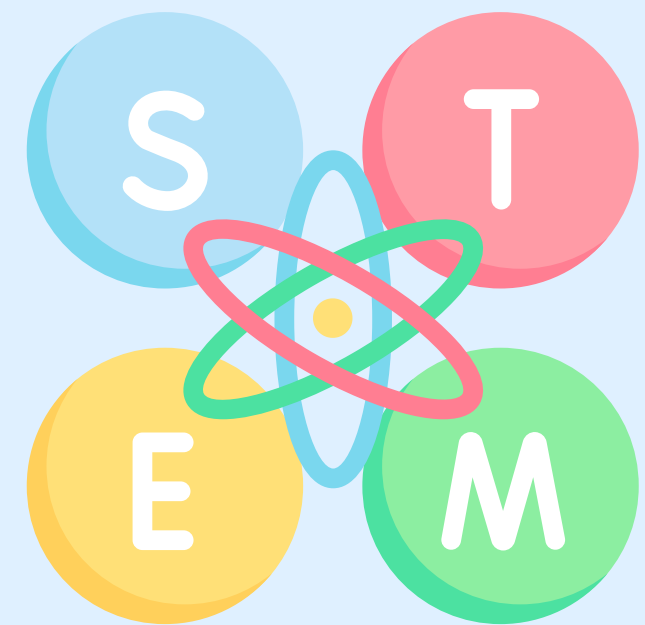


IMS ORIENTATION 2026

Tuesday, May 12, 2026 | 6:00 - 7:00 PM



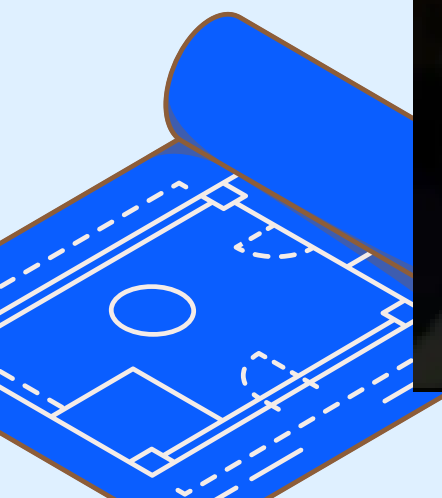
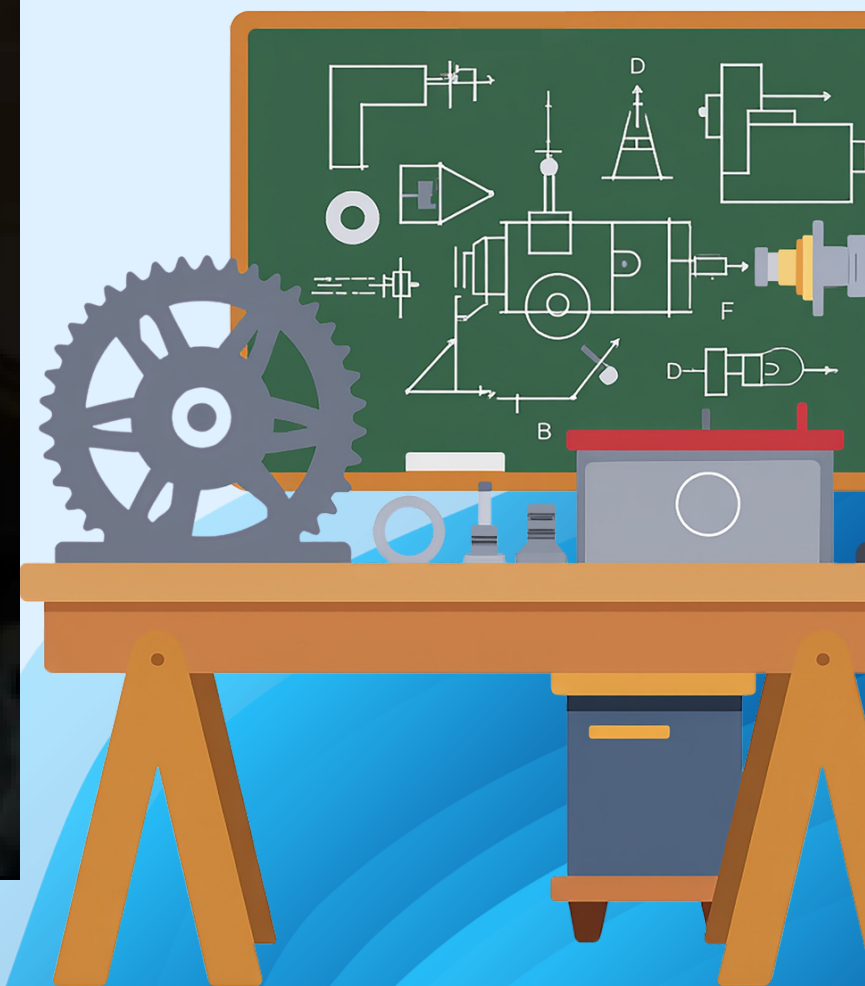
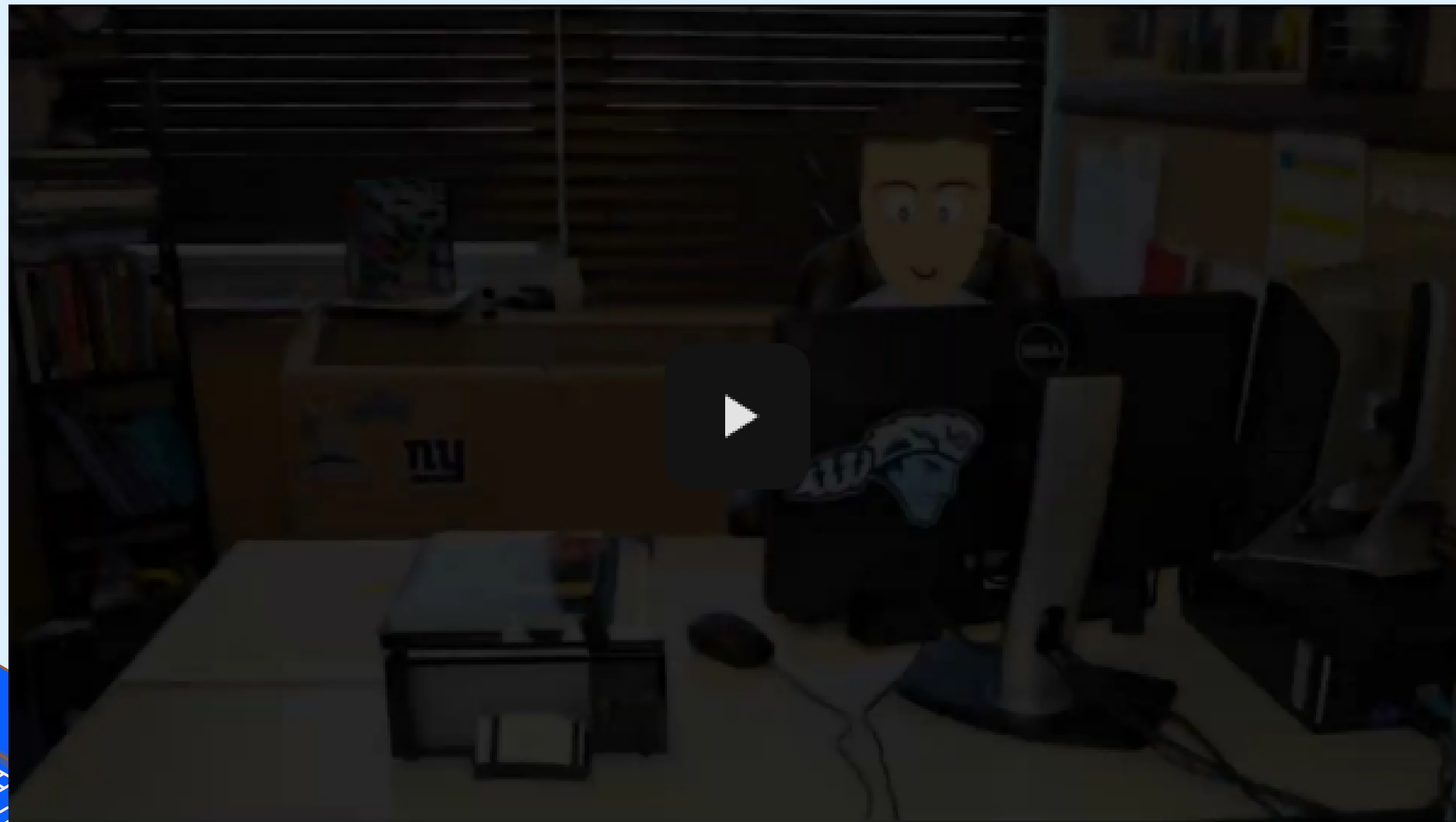
Program Introduction

- Jodi Costanza, Science Supervisor

- ✓ Welcome to the IMS Program! You are now a part of a community of students who share your passion for STEM.
- ✓ As a member of the IMS program, you will:
 - Work alongside peers with similar interests while building meaningful connections and developing essential skills for future success.
 - Experience hands-on learning through exciting field trips and engaging guest speaker sessions
 - Gain real-world insights and explore topics that align with your academic interests and goals



Technology and Engineering Electives



Link: <https://drive.google.com/file/d/1VgCkihZuhf7FPJlLqbma5Q2k8GK1EpPp/viewt>

Current and Future Career Opportunities

- Emad Abu-Hakmeh, Mathematics Supervisor

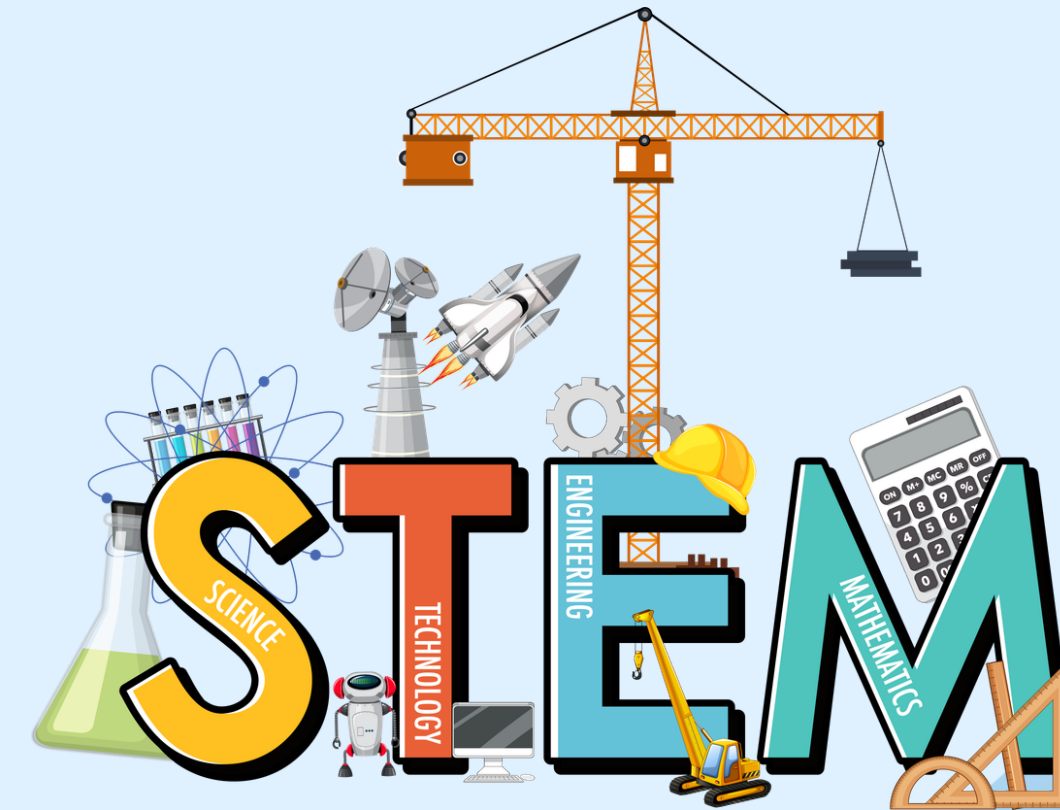
- ✓ Career Opportunities in STEM Fields
- ✓ Summer Assignments:
 - Summer assignments will be posted on the district website in early June 2026



IMS Path and Program Requirements

- Cristina Delaney, IMS Coordinator, Mathematics Teacher

- ✓ Course Progression
- ✓ Mu Alpha Theta and Science Honors Society
 - Apply end of sophomore year
- ✓ Preparation for APs
- ✓ New Jersey Math League (NJML)
 - Attend 3 - Take place during lunch and after school Oct - March
 - School-based math competition with 6 challenging questions
 - Opportunities to advance to a team of 5 that competes at the county level during May, and possibly onto the state and national levels

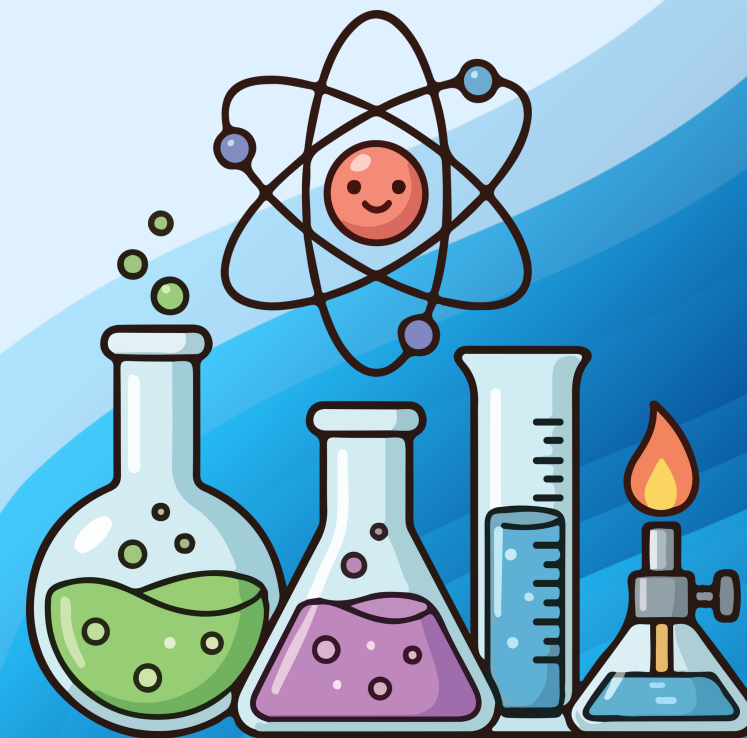


Program Requirements



- ✓ Guest Speakers
 - Attend 2 per year
 - Learn about different careers and career paths, and what it is like to work in those fields
 - Gain knowledge and advice from passionate professionals

- ✓ Science Competition - Science Team
 - Attend 2 of the 3 offered in the fall
 - Students have the opportunity to attend the 4 New Jersey Science League competitions in the winter and spring, which can be added to their resume
 - Challenging topics - covered in class, but go into greater depth
 - Great practice and a little insight and practice for future AP courses, particularly AP Bio



25-26 Guest Speakers



- Dr. Joseph Sarver, Drexel University
 - Teaching Professor, School of Biomedical Engineering, Science & Health Systems
- E. Christine DeCaro, DPT
 - Physical Therapist
- Dr. Shari Lawson, Howard University College of Medicine
 - John FJ Clark Endowed Chair of Obstetrics and Gynecology
 - Board of Directors for the Association of Professors of Gynecology and Obstetrics, Board member for the Society of Academic Specialists in General Obstetrics and Gynecology (SASGOG), Oral Board Examiner for the American Board of Obstetrics and Gynecology's Certifying Exam
 - West Orange Hall of Famer
- Ashley Sivo, MS, LAT, ATC
 - Athletic Trainer, WOHS
- Dr. Melissa Grigsby, Rutgers New Jersey Medical School
 - Assistant Professor in the Department of Surgery, Division of Trauma and Surgical Critical Care
- Kamari Aykes DeBarbieri
 - Marketing Engineering Manager, Cloudflare
 - TIME/Money/FORTUNE digital team
 - Neuroscience Research
- Dr. Rachel Cummings, Columbia University
 - Associate Professor of Industrial Engineering and Operations Research
 - Co-chair of the Cybersecurity Research Center at the Data Science Institute, Fellow, Center for Democracy & Technology, Advisory Board Member, Future of Privacy Forum
- Dr. Brandi Biehl
 - Sea Turtle Recovery Co-Executive Officer
 - Marine Biologist

Student Speakers

Hear from current and past IMS students about their experiences!

- Ninth Grade:
 - Anya Hughes, Sarah Nicolaescu, and Isabela Salinas Cavagnaro
- Tenth Grade:
 - Nathanael Nardini



QUESTIONS?

