

Stephen Kos

MrKostheScienceBoss.com • SKos@schools.nyc.gov • 203.722.2258 • Manhattan, NY

Professional Experience

The Computer School, 03M245

Learning Specialist, Sept 2024-Present

- Co-teaching 6th-grade general science, teaching robotics
- Faculty advisor for lunchtime makerspace
- Co-leader of faculty Sunshine Committee

NYU Steinhardt School of Culture, Education, and Human Development

Consultant, April 2025-Present

- Updated existing materials, developed new materials, provided daily feedback on implementation, and identified areas for future improvement on a COVID-19 and social justice curriculum

The Academy for Teachers

Early Career Teaching Mentor, Sept 2024-Present

- Monthly meetings with special educators in years 1-4
- Facilitated UDL and positive psychology workshops
- Triannual debrief meetings

New Explorations into Science, Technology and Mathematics High School, 01M539

Special Education Teacher, Sept 2018-Aug 2024

- Co-taught 6th-grade general science (all years), 7th-grade earth science (all years), 8th-grade Living Environment (SY22/23), 10th-grade Regents Chemistry (SY18/19), high school SETSS (SY19/20 and SY23/24), 6th-grade math (SY23/24), and 7th-grade math (SY23/24)
- Curriculum planner and teacher for Summer Rising (2021)
- 7th-grade team leader (SY21/22), 8th-grade team leader (SY22/23)
- Genealogy Club, Green Team, Rocket Club faculty advisor
- Faculty member of Instructional Leadership Team (2018-2023) and Sustainability Committee (2018-2020)

P.S. 50 Vito Marcantonio, NYC DOE

Special Education Teacher, December 2016-June 2018

- Co-taught 2nd- and 4th-grade ICT classes, Extended School Year summer enrichment (2017)
- Member of the school-based *DataWise Instructional Support Team* to set grade-wide instructional goals

M.S. 228X Jonas Bronck Academy, NYC DOE

Special Education Student Teacher, September-December 2016

- Co-taught 6th-grade ICT math
- Teacher-led intervisitation with feedback

Hurlbutt Elementary School & Weston Middle School, Weston Board of Education

Paraprofessional, Spring 2012-Fall 2016

- Direct support (1:1) for students with severe disabilities in pre-K, K, 2nd, 6th and 7th grades.
- Provided instruction and direct (1:1) support for students with disabilities during summers (2014, 2015, 2016)

Education

Brooklyn College – New York City, NY

M.S.Ed. Childhood Education (1-6), May 2019, *summa cum laude*
Professional Certification, Students with Disabilities

NYC Teaching Fellows

Teaching Fellow, Sept-Nov 2016

American University – Washington, D.C.

B.S. Biochemistry, May 2010, *cum laude*
Minor in French Language
Dean's List, Honors Program

Hobbies & Interests

Diving (SCUBA, free-, and sky-), photography, foreign languages, cooking, mindfulness, positive psychology, sustainability and climate change education, cognitive science and neuroscience, and artificial intelligence.

Licenses

- **Childhood Education**, Grades 1-6
- **Students With Disabilities**, Grades K-12

Skills & Training

- **Teacher Institute for Neuroscience and Society**, Assistant Program Facilitator (October 2026)
- **Monday.com Tech School**, Partner Teacher (Fall 2026)
- **Teacher Institute for Neuroscience and Society**, Middle School Cohort (February 2025)
- **Algalita Wayfinder Society for Environmental Education**, Member (2024-present)
- **aiEDU Trailblazers**, Fellow (2024-25)
- **Urban Advantage**, Fellow (2023-present)
- **Ecology Project International**, Fellow, Costa Rica (July 2024)
- **Teacher's College, Columbia University**, Summer Institute: Integrating Climate Education in NYC Public Schools (2024)
- **Space Age on the Space Coast**, NEH Landmarks Workshop (July 2024)
- **Project Ice, American Meteorological Society**, Fellow (June 2024)
- **Math for America**, Master Teacher Fellowship (2023-27)
- **Stavros Niarchos Foundation Teacher-Scholar Program at Columbia University's Zuckerman Institute**, Fellow (2022-26)
- **NYCDOE Climate Education Leadership Team**, Member Teacher (2020-present)
- **Academy for Teachers**, Fellow (2019-present)
- **Academy for Sciences *Scientist-in-Residence***, Host Teacher (2019-20)
- **Math for America**, Early Career Fellowship (2019-23)
- **Urban Advantage**, Member Teacher (2018-2023)
- **Google Suite for Education**, Official Certification
- **Bilingual**, French Language
- **Teacher's College Reading & Writing Project training**, Elementary
- **DOE Professional Development:**
Teacher's College Inclusive Classrooms Project
ICT Best Practices
Quality IEP Writing & Goal-Writing
Self-Regulated Strategy Development
Working with Students on the Autism Spectrum
UDL in Mathematics
- **Web coding languages**, HTML, CSS, and Javascript
- **Emergency Medical Technician (EMT)**, Voluntary Ambulance Service (2006-2012)

Awards & Recognition

- **The FLAG Award for Teaching Excellence**, Finalist (2026)
- **Fulbright Teachers for Global Classrooms**, Fellow (2025)
- **DOE Office of Energy & Sustainability**, Climate Leadership Award (2025)
- **Academy for Teachers**, Don Quixote Grant Recipient (2025)
- **Reef Environmental Education Foundation**, Educator in the Field, Honduras (2025)
- **PolarSTEAM**, Backup Educator, Antarctica (2025)
- **Presidential Award for Excellence in Mathematics and Science Teaching**, Nominee (2025)
- **The NEA Foundation**, Learning and Leadership Grantee (2025)
- **NYU Astor International Travel Scholarship**, Awardee (2023)
- **Bimini Shark Lab's Teacher & Educator Course**, Scholarship (Summer 2022)
- **Climate Generation Stay-In-stitute for Climate Change Education**, Scholarship (2020)
- **NYC Big Apple Awards**, Nominee (2020-21)
- **Educational Testing Service**, Recognition of Excellence Award (2019)
- **Earthwatch's Project Kindle**, Travel Research Fellowship (2019)
- **STEMteachersNYC**, Wanninkhof Excellence in Teaching (2019)
- **MFSC Professional Learning Expo**, Exhibitor, "Writing on my Own: Self-Regulated Strategy Development" (2018); "Universal Design for Learning in Elementary Mathematics" (2017)
- **City Gardens Club**, Scholarship Awardee (2017)
- **Children's Environmental Literacy Foundation**, Scholarship (2017)

Presentations

2025-26

1. [Downlink with the International Space Station](#) (NASA, 9/5)
2. [Marine Biodiversity: Mitigating the Impact of Off-Shore Wind Turbines](#) (New York Academy of Sciences, 9/23)
3. Brain Hacks and Better Choices (Math for America, 10/7 & 10/21, co-facilitated with Yanique Sears)
4. Beyond the Classroom (Math for America, 10/8, co-facilitated with Susie Harter, Lauren Couto, and Julie Coppola)
5. Science of Happiness (Math for America, Dual Citizen Conference, 60min 10/25)
6. Science of Happiness (NSTA, 60min 11/13)
7. Drilling Deep into Climate Change Ed (NSTA, 60min 11/24, co-facilitated with Sarah Slack)
8. Beyond the Classroom x2 (Math for America, 2/9, co-facilitated with Susie Harter, Lauren Couto, and Julie Coppola)
9. Science of Happiness (Teacher's College, 90min 2/25)
10. Breathing Underwater (Math for America, 3/5 & 3/25, co-facilitated with Katie McCarthy and Matt Steiniger)
11. Science of Happiness (STEMteachersNYC, 60min 3/14)
12. Jaws & Effect (Math for America, 3/26, co-facilitating with Dr. Emily Schmidt)
13. Science of Happiness (NSTA, 60min 4/16)
14. Drilling Deep into Climate Change Ed (NSTA, 60min 4/17)
15. Instructional Practices for Engaging with Societal Challenges in STEM (NSTA, 60min 4/17, co-facilitated with NYU Steinhardt)
16. Biophilic Design in the Classroom (Climate Education Leadership Team, 60 min 5/13)
17. [Teacher Institute for Neuroscience and Society](#) (Columbia Zuckerman Institute, 6/3, co-facilitated with Diana Li and Preeti Natarajan)
18. Breathing Underwater: SCUBA Pool Session for Educators (Math for America, 6/4)

2024-25

1. Science of Happiness (Math for America, 11/20)
2. 93 Reasons to Have Hope (Math for America, 1/15)
3. Science of Happiness (SCONYC, 60min 3/8)
4. Breathing Underwater (Math for America, 3/26 co-facilitated with Katie McCarthy)
5. Beyond the Classroom (Math for America, 4/29, co-facilitated with Susie Harter, Lauren Couto, and Julie Coppola)

2023-24

1. A Hundred Ways to Differentiate (Math for America, 10/10 & 10/24)
2. 93 Reasons to Have Hope (Math for America, 1/11)
3. Lions, Tigers, and Bears, oh my! (Math for America, 2/15, co-facilitated with Dr. Emily Schmidt)
4. The Brain, The Classroom, The IEP (Math for America, 3/6, 3/20, 3/27)
5. A Hundred Ways to Differentiate (Academy for Teachers, 4/15)

2022-23

82 Reasons to Have Hope (Math for America, 1/11)

2021-22

Sustainability in Schools (Math for America, co-facilitated with Katie McCarthy, 2/28, 3/28)

2020-21

March Mammal Madness (Math for America, co-facilitated with Dr. Emily Schmidt, 2/23)

Interviews

Dr. Rachael DiSciullo, PhD
Postdoctoral Researcher, Illinois State University (April 27, 2026)

TSgt Clinton Flink, NCOIC, COMM Security, [U.S. National Reconnaissance Office](#) (December 18, 2025)

Emma Brickey, Microbiologist, North Carolina State University (February 13, 2025)

Evelyn Abraham, Plant Scientist, Penn State University (December 22, 2021)

Jonathan Kaletka, Cell Biologist, Michigan State University (October 29, 2021)

Dr. Jörg V. Herwanger, Geologist, MP-Geomechanics and Heriot-Watt University (December 21, 2020)

Kate Kennedy, Cell Biologist, McMaster University (December 20, 2020)

[Chris Jordan](#), Artist (June 26, 2020)

Writings

["Teacher to Teacher: Bring a Scientist to Class \(It's Easier Than You Think\)"](#) -- UFT Newsletter (April, 2026)

["Partnering with paraprofessionals"](#) -- UFT Newsletter (February 13, 2026)

["Don't count out summer learning options"](#) -- UFT Newsletter (February 13, 2025)

Upcoming Workshops

- Global Competency: Readyng Our Students to be Citizens of the World
- Game On: Creating Your Own Games with AI
- Biophilic Design in the Classroom
- March Mammal Madness: Gamifying Ecology