

Himani Nigam

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Objective

Dedicated and passionate science teacher with 6+ years of experience delivering engaging, inquiry-based instruction. Committed to fostering curiosity and critical thinking through hands-on experimentation and innovative teaching strategies in K–8 classrooms.

Education

- **Ed.D. in Educational Technology Leadership** (In Progress)
New Jersey City University
- **Certificate in Middle Grades (4–8) Education**, Piedmont College, GA – 2008
- **M.A. in Educational Psychology**, Lucknow University, India – 2001
- **B.A.**, Lucknow University, India – 1999

Certifications

- **Standard Certificate**, Elementary School Teacher (Grades K–6), NJDOE – June 2024
- **Instructional Certificate (CEAS)**, NJDOE – October 2018

Teaching Experience

Science Teacher

Mendham Country Day School, Basking Ridge, NJ | Aug 2018 – Present

- Teach science to Grades 2–8, integrating life, earth, and physical science content with literacy and inquiry-based learning.
- Design and implement hands-on lab experiences to build scientific understanding and critical thinking.
- Differentiate instruction to meet diverse learners' needs, including students with 504 plans.
- Cultivate a positive, inclusive classroom culture grounded in respect and active participation.
- Coordinate extracurricular STEM events: science fairs, STEM clubs, International Day, and more.

Professional Development & Presentations

- Presenter, **NSTA Conference**, *Empowering Scientific Journeys: Digital Portfolios for Student Engagement*, Philadelphia (Mar 2025)
- Panelist, *Fostering Innovation: Special Topics in STEAM Education*, NJCU EdTech Dept. (Mar 2025)
- Presenter, **NJECC Conference**, *Enhancing Cultural Sensitivity and Inclusion in Classrooms with AI* (Mar 2025)
- Volunteer, **STEAM Carnival of Inclusivity**, hosted by NJ Maker Day and NJCU (Feb 2025)
- Webinar Presenter, *Enhancing Cultural Sensitivity and Inclusion in the Classrooms with AI*, NJCU (Nov 2024)
- Attendee/Volunteer, **NJ Science Convention**, Princeton (2023–2024)
- Participant, **STEM Summer Institute**, NJCU (Aug 2023)
- Series Attendee: NJCU Doctoral EdTech Webinars (2023–2024)

Skills

- Educational technology integration (Microsoft Office, Google Classroom, virtual labs)
- Strong communication and classroom management
- Differentiated instruction & inclusive teaching strategies
- Experienced with event planning and student engagement activities

References

Available upon request