

Tom Gazda

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Objective

To share my passion for using new ideas and technologies to improve teaching and learning in K-12 education.

Experience

High School Science Teacher (September 2002 – July 2018)
Ichabod Crane High School, Valatie NY

- Teaching assignments include Earth Science lecture, Earth Science lab, Regents Physics lab, Applied Physics

High School Science Teacher (September 2001 – June 2002)
Hudson High School, Hudson NY

- Taught Earth Science lecture and Earth Science Lab

Awards

- ▶ National Association of Geoscience Teachers *2018 Outstanding Earth Science Educator Award* for the Eastern Section (NY, PA, NJ, DC, MD, DE, VA, WV)
- ▶ Ichabod Crane High School Yearbook dedication, June 2007

Conference Presentations

- ▶ Science Teachers Association of New York State Conference, Rochester NY, November 2017
 - ▶ Presented four sessions on using video as a teaching tool in the science classroom
- ▶ Association of Mathematics Teachers of New York State Conference, Buffalo NY, November 2017
 - ▶ Presented a session entitled *Make Homework a Better Learning Experience with HW Videos*
- ▶ New Jersey Science Teachers Convention, Princeton NJ, October 2017
 - ▶ Presented two sessions on using video as a teaching tool in the science classroom
- ▶ Suffolk STANYS Spring Conference, Brookhaven NY, April 2017
 - ▶ Presented two sessions on using video as a teaching tool and one session on *The Sand Lab*

Education

MS Secondary Science Education, University at Albany (December 2000)

BS Geology, University at Albany (December 1999)

BS Accounting, University at Albany (May 1993)

Skills

- ▶ Developing various uses of video to be used as a teaching and learning tool
- ▶ Developed a system of homework videos that enhance the learning potential for students outside of traditional class time
- ▶ Developing student-centered science activities and labs that focus on hands-on student learning
- ▶ Developing open-ended science experiments centered on real-world student experiences
- ▶ Filming and editing videos for use in my classroom and in classrooms across the world via YouTube

