



Patricia Green

Secondary Math (7-12) and Physics (9-12)
Teacher: licensed in Minnesota and Iowa



Personal Info

Current Address

1720 Bristol Dr. #5
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Phone

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PatriciaLynn.green69@gmail.com

Date of birth

1960-06-09



Summary

Self-motivated, life-experienced math, physics, engineering secondary teacher with 4+ years of experience fostering students' growth in communication, collaboration, creativity, and leadership skills needed for the 21st century young adult. Seeking to bring creative solutions to the classroom of today.



Experience

2015 -
present

Math, Physics, and Engineering Instructor

Wahlert Catholic High School

Responsibilities

- Planned and instructed in modified block scheduling:
 - Geometry (3 years)
 - Physics (2 years)
 - AP Physics I (1 year)
 - PLTW Principles of Engineering (3 years)
 - Algebra II (1 year)
- Aligned lesson plans with Iowa Core Math Standards and NGSS
- Created formative and summative assessments enabling informed and supportive instruction
- Incorporated technology in the classroom supporting 21st century skills of exploring, integrating, and utilizing resources
- Used questioning to develop critical thinking skills, create dialogue, and allow students to reflect
- Used a flipped classroom setting for AP Physics
- Sponsored Chess Club and Respect Life Club
- Member of NSTA, AAPT, and AMTA

2014-08 -
2015-06

Physics, Math Secondary Teacher

Vinton-Shellsburg High School

Responsibilities

- Planned and instructed in trimester scheduling:
 - Algebra I
 - Geometry
 - Consumer Math
 - Physics I
- Successfully created and implemented lesson plans through differentiation, a variety of teaching strategies including modeling techniques and whiteboarding, and online formative assessments.

2000 -
2014

Middle School Choir Accompanist

Center Point-Urbana Middle School

Accompanist

- 5th, 6th, and 7th-8th grade choir accompanist for practice and 4 performances each year including show choir and musicals
- Junior High and High School choir and band solo and small ensemble



Skills

Creative lesson planning including real-life applications of standards, student-centered hands-on activities, and exposure to the real-world through field trips

Self-motivated and diligent with sound work ethics as displayed in continuing education participation, timely completion of important tasks, and working the extra hours needed to prepare lessons and give student feedback on their work

Builder of Positive Rapport with student, faculty, administration, parents, and community through careful listening, encouraging a growth mindset, and communicating with care and integrity

accompanist

- Encouraged and guided students of all ages and levels to perform at their potential

1999 -
2014

● **Piano Instructor**

Self-Employed

- Taught piano to over 100 students ranging from age 4 to 54
- Chose music appropriate for age and level to compete in contests and inspire students to grow in their love for music
- Took leadership role in local music teacher association to provide competition opportunities for all ages and levels



Education

1978-08 -
1982-07

● **Missouri University of Science and Technology**

- B.S. in Computer Science
- Magna cum Laude, 3.715 GPA
- Performed in 2 plays, choral performances, and Madrigal dinners
- Active in local church college youth group

2012 -
2014

● **University of Iowa: Regents Alternative Pathway to Iowa Licensure (R.A.P.I.L.)**

- Completed alternative education program preparing qualified degreed adults with life and professional experiences to teach in secondary schools
- 4.06 GPA in coursework including classroom management, teaching strategies to meet the needs of diverse learners, lesson design and assessment methods, community research, and integrating technology in the classroom
- Included 60+ hours of field experience ranging from observation and reflection to co-teaching (2 weeks), student teaching (8 weeks), and substitute teaching (8 weeks)

● **Continuing education**

- **University of Phoenix - Summer 2013**
 - Curriculum Constructs and Assessment: Secondary Science : 4.0 GPA/ 3 graduate credits
- **Drake University - Summer 2016**
 - Modeling Physics : 4.0 GPA/ 3 graduate credits
- **University of Iowa**
 - PLTW - Principles of Engineering - **Summer 2016** - 4.0 GPA/ 5 graduate credits
 - AP Physics I Training - **Summer 2017** - 2 graduate credits
- **University of Northern Iowa - Summer 2017**
 - Iowa STEM Teacher Externship (6 week working at John Deere Dubuque Works)
 - 1 graduate credit