

# Parker Owen

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## SUMMARY

Math and Science educator with sixteen years of experience in public schools. Combines research & knowledge with experience designing lesson plans, activities, and content strategy to maximize student achievement. Excels at designing engaging lesson plans and maintaining consistent communication with team members and all others involved. Studied biology at the University of South Carolina and spent six years as a scuba instructor prior to teaching.

## SKILLS & EXPERTISE

- Making presentations & Leading discussions
- Applying real-world knowledge to science curriculum
- Interpersonal Skills
- Verbal and written communication
- Organization
- Record keeping
- Computer proficiency
- Data analysis
- Curriculum development
- Public speaking
- Working with a team
- Retail
- Sales

## EXPERIENCE

### TATES CREEK HIGH SCHOOL | Lexington, KY

Physics Teacher

2018 – Present

- Taught introductory physics and advanced introductory physics to freshman students.
- Implemented a Trout in the Classroom curriculum which allowed students to raise rainbow trout and learn about their growth, environment, and biology.
- Generated an after-school photography club for students interested in learning the art, or improving their skill.
- Transitioned lesson plans from in-person to virtual learning due to the pandemic.
- Adjusted virtual lesson plans to accommodate simultaneous in-person and virtual instruction.
- Analyzed student data with a teacher team to identify students struggling academically and developing ways to help them succeed.

### THE STABLES | Lexington, KY

Math and Science Teacher

2015 – 2018

- Helped initiate the Summit Learning Program for students grades 7-12 to complete and submit lessons online.
- Taught Integrated Science, Physics, Chemistry and Biology to students in grades 7-12.
- Taught Algebra 1, Algebra 2, Geometry and College Prep math to students in grades 8-12.
- Implemented a Trout in the Classroom curriculum which allowed students to raise rainbow trout and learn about their growth, environment, and biology.

### TATES CREEK MIDDLE SCHOOL | Lexington, KY

Science Teacher

2012 – 2015

- Taught general Science classes to 6th, 7th, and 8th grade students.
- Started a Student Technology Leadership Program (STLP) which focused on building and programming Mindstorm NXT units to compete in various tasks and competitions.
- Implemented a Trout in the Classroom curriculum which allowed students to raise rainbow trout and learn about their growth, environment, and biology.
- Helped to form a teacher group from across the district tasked with analyzing the current Science curriculum standards and revising them to allow for more efficient learning processes.

SAVANNAH CHATHAM COUNTY PUBLIC SCHOOLS | Savannah, GA

Science Teacher

2006 - 2012

- Taught general and special-education science classes to 8th grade students.
- Co-founded a robotics club which focused on building and programming Mindstorm NXT, Scribbler, and IntelliBrain units to compete in various tasks and competitions.
- Helped design and implement a handbook of STEM demonstrations, activities, and student-led projects that reinforced the science curriculum.
- Incorporated then-current technology to assist in classroom management.

DIVING LOCKER/SKI CHALET | Savannah, GA

Scuba Instructor/Retail sales/Equipment repair

2000 - 2006

- Taught courses including: introductory classes, stress & rescue, nitrox, night diving, cavern diving, photography.
- Led certification dive trips to multiple locations throughout Florida.
- Sold dive equipment packages.
- Inspected and certified scuba tanks.
- Repaired and adjusted snow skis & skateboards.
- Checked in & stocked inventory.

## EDUCATION

ARMSTRONG ATLANTIC STATE UNIVERSITY | Savannah, GA

2006

Master of Education, Middle Grades Math and Science

UNIVERSITY OF SOUTH CAROLINA | Columbia, SC

1997

Bachelor of Science, Marine Science