

# Meet Science Teacher Stacie Waters



## Why Science Matters

Hands-on science experiences have the power to spark a student's natural curiosity and appreciation of the world around them, while giving them the tools to think through how they can logically design and test methods to answer those questions. Science can discipline the mind and cause the imagination to soar!

Opportunities exist to explore Life, Earth, and Physical Sciences, exposing students to multiple disciplines and means of scientific inquiry.

## Credentials

- Over 27 years of teaching experience
- Bachelor's Degree in Education
- Masters Degree in School Counseling
- Clear Pupil Personnel Services Credential
- Professional Clear Multiple Subject Teaching Credential
- Supplementary Authorizations in Math and Science
- Cross-cultural, California Language Acquisition Development Certificate

## Curriculum

Ms. Water's goal is that students will develop critical thinking skills via peer discussions of questions and observations that arise while working and by learning to document experimental results and conclusions, all while growing in appreciation for the natural world around them. Lessons are based on FOSS and AIMS curriculum.

Extracurricular activities: field trips, Science Field Day competitions, Invention Fair and Family Star Gazing, clubs (Garden Club, Zoo Crew, Green Team, Engineering Club)

## Class Activities

Below are just some of the things our students are doing:

- Using microscopes and drawing findings
- Observing and rating wind energy
- Investigating gravity and friction
- Observing and collecting quantitative and qualitative data
- Identifying the properties of physical and chemical changes
- Designing experiments to study erosion and weathering
- Dissections: owl pellet, squid, fish, heart
- Pipetting, gel electrophoresis
- Preparing competent cells for transformation

**The ESC Program  
is parent supported.  
Contribute today!**

Your contributions to the Del Mar Schools Education Foundation support the ESC program, which offers focused instruction (outside of the homeroom class) by credentialed teachers in the areas of Science, Music, Art, Technology, and Physical Education.

[www.delmarkids.org](http://www.delmarkids.org)  
[delmarkids@gmail.com](mailto:delmarkids@gmail.com)  
858-523-6007