



6TH GRADE SCIENCE

MRS. PARKER

MRS. JENNIFER PARKER

- ★ Grew up in Sonoma, CA
- ★ Married to Jake Parker and have two sons-Casey 11 and Drew 9
- ★ University of Southern California-Proud Trojan!
 - Bachelor's in Education with an emphasis in biological sciences
 - Masters in General Studies-Education
 - Semester at Sea-Circumnavigated the world in 100 days-9 countries
- ★ Experience in NGSS curriculum development, differentiation, project-based learning
- ★ Taught 5th in Manhattan Beach for 10 years
- ★ 9th year here at Woodside
- ★ 19 years in 5th Grade and 3 years in Middle School
- ★ Earned Single Subject Science Credential this summer-WOOHOOO!!!!

TEACHING PHILOSOPHY

- ★ I LOVE TEACHING!
- ★ I LOVE SCIENCE!
- ★ I have loved your children from the moment they first walked through my door.
- ★ I have high expectations and know the students are capable of so much!
- ★ I want them to be happy, have fun learning, and become better students.
- ★ I hope they will love SCIENCE as much as I do!
- ★ We are a team-students, parents, and teachers! Please contact me with any concerns! Always happy to help!

I LOVE STEMSCOPES

- ★ STEMscopes is built on an instructional philosophy that centers on students learning the California Next Generation Science Standards (CA NGSS) through hands-on exploration and inquiry. Each lesson includes a series of investigations and activities to bring science to life for our students so that they can “learn by doing” and fully engage in the scientific process.
- ★ In inquiry-based instruction, students form a deeper understanding of each learning objective as the teacher guides them through their discovery experience.
- ★ STEMscopes was developed in partnership with Rice University and has been utilized since 2007.
- ★ WHAT I HAVE WITNESSED
 - Students are engaged and eager to learn.
 - Lessons have variety (experiments, projects, stations) and are interesting.
 - Students have a better understanding of content with program.

SCIENCE SCOPES (TOPICS) THIS YEAR

★ Scopes

- Cells
- Body Systems
- Water Cycle
- Influences of Weather and Climate
- Ocean Currents
- Thermal Energy Transfer
- Kinetic Energy
- Reproduction in Plants and Animals

★ More Scopes

- Inheritance and Genetic Variation
- Predicting Weather
- Energy Transfer and Temperature
- Sensory Receptors
- Growth of Organisms
- Human Impact on the Environment
- Human Activities and Global Climate Change

WHAT YOU REALLY NEED TO KNOW!!!

- ★ MARIN HEADLANDS-2 nights-JANUARY 16-18. It's Wednesday-Friday!
- ★ Homework is not every night.
- ★ STEM Fair is **OPTIONAL** for 6th graders this year, but is highly encouraged! I will help!
 - Woodside's STEM Fair is Thursday, January 31, 2019.
- ★ I will use **GOOGLE CLASSROOM** to post deadlines and information.
- ★ Advance notice and study guides will be given for tests.
- ★ All major tests will be given on Tuesdays. Quizzes can be given any day.
- ★ The Monday before a test is usually a study day in class, organize papers, and to ask questions.
- ★ Office Hours are officially Wednesdays at lunch, but I am available usually any lunch or recess. It is usually a PARTY OF ONE! :)
- ★ Current Event homework will be given once every trimester. Students pick and prepare for their presentation.
- ★ This year of 6th Grade Science is going to ROCK! :)