

Grade Levels: 5th-8th      Sessions: 1  
Student Max: 10              Student Min: 3  
Course Cost: \$25 US  
Dates (Times):  
November 16th (6:00-7:00pm EST)



### COURSE DESCRIPTION:

We often think of scientists following the scientific method and conducting laboratory experiments, but that's only part of the story. Some scientists do carry out experiments where they change one variable at a time (single variable testing) and measure the effects of that change to test a hypothesis, but other scientists must rely on careful observations to collect data. Join Dr. Nancy to explore what all scientists have in common and how the scientific community is shifting from thinking about a single scientific method to focusing on the eight science and engineering practices.

### MATERIALS LIST:

Pen/pencil

### COURSE INSTRUCTOR:



**Dr. Nancy Chatteinier** - I have a California multiple subject credential with supplements in general science, physical science, and mathematics. I also hold an MBA and a Ph.D. in education with an emphasis on e-learning. Throughout my educational studies, I have maintained a 3.7 or higher GPA, earning Honors in all my endeavors. I have spent 22 years as a classroom teacher and 6 months as an online teacher. Currently, I am teaching math and science at a private academy that provides services to homeschooled students. Before that, I was a math/science teacher in the Davis Joint Unified School District. I taught 16 years at the junior high level and 6 at the elementary level. Three years spent at the elementary level were in kindergarten. In addition to working as a classroom teacher, I was a member of the District Technology Committee and an ESL Coordinator. In my classroom, I implemented many technical aspects including the following: flipped lessons, online resources, WebQuests, YouTube videos, power points, and online experiments. One of the WebQuests I created, the Planetary Webquest, was featured in "Computer Education for Teachers: Integrating Technology into Classroom Teaching" by Vicki F. Sharp. My teaching philosophy is exemplified by this quote by Albert Einstein, "Imagination is more important than knowledge. Knowledge is limited. Imagination encircles the world." Rather than merely teaching facts, I endeavor to provide my students with engaging scenarios and fun projects to explore utilizing the facts

they are learning. I have extensive experience in creating fun and engaging curricula. I want my students to learn tools for success, not just the curriculum. I want to help my students cultivate skills that will aid them in school and through life. In August 2017, I was able to participate in The Golden Key Costa Rican Experience. I taught hygiene practices to elementary school students using a program developed by GloGerm.com and supported by CleanTheWorld.com. The program was administered by the Golden Key Honour Society and the Costa Rican Language Academy (CRLA). On a personal note, I have three grown children, so I know what parents are going through and can empathize with their situations. Working with students is extremely enjoyable and fulfilling for me, I love when my students' faces light up because they have understood a concept. SKILLS: Ph.D. in E-Learning, California Credentialed Science Teacher, 20+ years in the classroom.