

## 3D Science Lessons for the Elementary Classroom

Ashley Armstrong SDSTA President-Elect and Lindsay Kortan Liason



Elementary teachers are charged with teaching multiple subjects while meeting an ever-extending list of duties and standards. Ideal lessons integrate multiple disciplines to effectively and efficiently reach students. Utilizing science texts in elementary classrooms can be a great way to meet these demands while creating critical thinkers and inspiring budding young scientists. Join us on Saturday, February 6th as we dive into an elementary lesson that immerses students in Science, Math and ELA concepts as they read a grade level book.



## Larry and Matt – DAH!

Larry Browning and Matt Miller (SDSU)



"Larry and Matt share some Do-At-Home (DAH) science experiences. Will they be Teacher Advised Do-At-Home (TA-DAH) or Great Resources Or Activities – Not (GROAN) is for participants to decide."

## A day in the life of a Sanford Scientist!

Julie Dahl SURF

Every day, people at Sanford Lab take a cage ride nearly a mile underground. During this presentation students get a chance to envision themselves working in an underground research laboratory.



## Hands-on inquiry Science At Home

Chad Ronish STEAM Guru

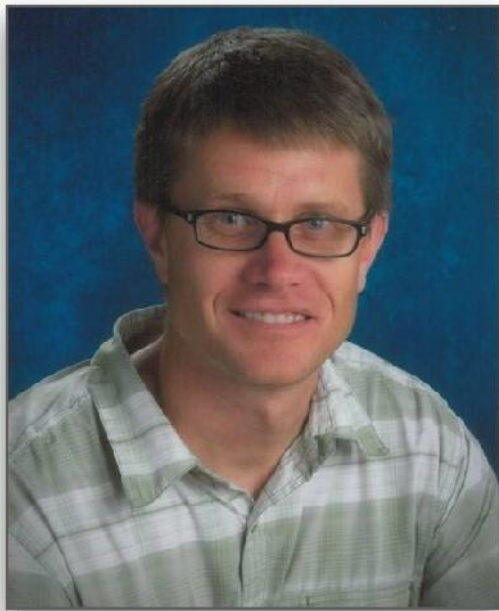


Strategies for hands-on inquiry learning while students are remote learning, home due to illness, or explorations over a weekend or extended break. We will look at how to design easy at home activities, collaboration with classmates, and keeping students engaged when they can't physically be in the classroom. Be ready to participate in this workshop/presentation complete with collaboration and discussion.

**Dr. Sarah McAnulty** is a squid biologist and science communicator. She is the founder and executive director of Skype a Scientist, a non-profit organization that connects scientists to teachers and families around the world. She earned a bachelor's degree in marine science at Boston University in 2011 and her PhD from the Department of Molecular and Cell Biology at the University of Connecticut, graduating in 2019. She studied immunology in cephalopods, focusing on Hawaiian bobtail squid.



**Paul Andersen** is an educational consultant and YouTube creator living in Bozeman, MT. Paul is an experienced educator having taught science in Montana for 20 years. Paul was the 2011 Montana Teacher of the Year, and was also one of four finalists for the 2011 National Teacher of the Year. In addition to teaching Paul has created hundreds of YouTube science tutorials that have been viewed millions of times by students around the world. Paul has provided training for thousands of students, teachers, and administrators around the world. Paul enjoys providing meaningful professional development that can be applied immediately in the classroom.



**Stephanie Arne** is the Wildlife and Conservation Ambassador for Curiosity Stream and the former host of Mutual of Omaha's Wild Kingdom. An accomplished wildlife conservationist, Steph has worked in 18 countries and filmed stories on everything from polar bears to penguins. Steph has appeared on the Harry Connick Jr. Show, Animal Planet, HBO Max, and The Weather Channel, and recently became the Wildlife and Conservation Ambassador for Curiosity Stream. Currently, Steph and her husband, wildlife filmmaker, Tim Davison live in Southern California in a 180 square foot tiny house which was featured on Tiny House, Big Living on HGTV.

