

# Sandy Ranstead

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- Higher Education
- Supervise professional staff
- Plan and design projects
- Time management

## Experience

### **Director**

2015- 2016

Engineering For Kids-Virginia

- Trained educators in use of supplies and curriculum of activities
- Supervised and assigned duties to educators on developing a high –quality learning center for all ages
- Managed inquiries and handled customer service questions
- Efficient and effective with Publisher, Word, Excel and Mail Chimp
- Established Naval Base accounts for summer camps and specialized programs

### **Middle and High School Math and Science Teacher**

2002-2007, 2011-present

Public and private schools-Virginia

- **Earth Science, Chemistry and Geometry** (part-time) *Bina High School, Norfolk, Virginia*
- **Science GED, ASVAB and Algebra** (full-time) *Commonwealth ChallenNGe Youth Academy, Virginia Beach, Virginia*
- **Earth, Life and Physical science** (fulltime) *Chesapeake Bay Academy, Virginia Beach, Virginia*
- **Biology Standard's of Learning** (part-time) *Churchland High, Portsmouth, Virginia*
- **Earth, Life and Physical science** (fulltime) *St Mark, Kaneohe, Hawaii*
- **Earth, Life and Physical science and Algebra** (fulltime) *Ocean View Academy, Norfolk, Virginia*

### **Director**

2009- 2010

Mathnasium-North Carolina

- Managed a learning center with over a hundred students and fourteen professional tutors
- Liaison to the other four Mathnasiums around the Triangle to handle complaints and problems from directors

## Education

- Astrobiology/Astrophysics/Chemistry-Graduate degree, *Penn State, Pennsylvania*
- Bachelor, *University of North Carolina, Chapel Hill*
- Continuing Education-*Virginia Wesleyan College, Virginia*
- Aerospace Education- (Master's)- *Air University, Alabama*

## Field Experience

- **Long-term research project** , *National Aeronautics and Space Administration, Hampton, Virginia*  
Designed proposal with *NASA* scientists on a year-long project that incorporated technology (*GIS, IGOR Pro, Excel, PowerPoint*) and research data from *AIRS*
- **Pacific Institute of Research and Evaluation Facilitator**, *Norfolk Naval Station, Norfolk, VA*  
Counseled sailors on life skills by investigating new ideas and strategies on financial opportunities and anger management
- **Director of Aerospace Education**, *United States Air Force Auxiliary, Chesterfield, Virginia*  
Responsible for all Virginia squadron Aerospace Education officers complying with curriculum and requirements of the United States Air Force  
Submitted quarterly reports and handled yearly inspection for the Aerospace Education Department in the USAFA

