

Where Can a Geology/Geophysics Degree Take You?

Presenter

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Riverview Middle School

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My Ticket Around the World

- Winnemucca, Nevada
- Los Angeles Basin, California
- Roxby Downs, Australia
- Potgeitersrus, South Africa
- Mount Diablo Unified School District,
California

Only a Ticket of Entry

- Mining Industry
- Environmental and Geotechnical Industry
- Research and Software Development
- K-12 Public Education

Learning On The Job

- Content Specifics-What is your task?
- Social Behavior-How do I act?
- People Skills-How can I communicate?

What I've Learned About K-12 Public Education

- I am at one of the struggling schools
 - More student behavioral issues
 - Less resources
 - Less parental support

How to Prepare for K-12 Public Education Service

- A rounded undergraduate degree
 - Mathematics
 - English
 - Science (Biology, Astronomy, Chemistry, Physics, Geology)
- Teacher training program emphasizing classroom management
- Substitute teaching

Student Population at Riverview Middle

- 90 Percent Receive Free or Reduced Cost Lunch
- 20 Percent are English Language Learners
- Ethnically Diverse

Work Environment at Riverview Middle

- Demanding Principals and Vice-Principals
- Staff of all ages as co-workers
- Depressed neighborhood
- Low parent participation

TIP

You will have to adjust to the culture of the school or its neighborhood.

8th Grade Physical Science Curriculum Content Topics

- Astronomy
- Motion and Forces
- Buoyancy and Pressure
- Matter and the Periodic Table
- Chemical Reactions
- Carbon Based Chemistry

TIP

Keep all your college textbooks!

Resources for a Career in Education

- California Department of Education
 - <http://www.cde.ca.gov/be/st/ss/>
- Teacher Credential Programs
 - <http://www.projectpipeline.org/>
 - <http://www.phoenix.edu/>
- Other Teacher Resources
 - <http://scorescience.humboldt.k12.ca.us/>
 - <http://www.pbs.org/teachers/sciencetech/>