David M. Solliday

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***Education***

Bachelor of Science Degree in Secondary Education

Slippery Rock University of Pennsylvania, Slippery Rock, PA

Certifications: 1)Earth and Space Science 2)General Science

***Professional Experience***

Earth Science Teacher: Hylton, Woodbridge, Stonewall Jackson Senior High School, Woodbridge, VA

(08/1997 – 06/2001 then 08/2002- 06/2015)

* Most recently taught six sections of Earth Science: 5 regular ed., 1 Physical Geology
* Previous classes taught: Advanced Earth Science, ELL Earth Science, Team Taught Earth Science.
* Experienced in teaching students with various learning abilities: gifted, ELL, and learning deficient.
* Update school fusion website daily including: adding any handouts and notes to the section files for students to print and multiple website links to reinforce learning concepts covered in class.
* Successful in mapping the Earth Science curriculum and learning targets to be universal with various schedules: 4X4 and 7AB.
* Implementation of computers into the Earth Science curriculum by requiring internet research on projects and extensive, self-constructed lab quests to further enrich the understanding of the curriculum. I am daily/constantly bring the Earth Science world to them via the internet.
* Visual aids include video clips, animations and various diagrams of selected topics in the curriculum.
* Extremely proficient in Microsoft Word, Powerpoint, and Excel.
  + Powerpoint – Multiple presentations of units within the Earth Science curriculum that have the learning targets incorporated in for the students. (example on disc)
  + Excel – Constructed a grade book spreadsheet to show student their quarterly progress and to project their future grades to achieve the level of success they wish. Posted on School Fusion to use with all of their classes. (example on disc)
* Co-sponsored Student Government Association for first three years of teaching. Duties included running elections, organizing dances and fund-raisers, and chaperoning class officers to leadership conferences.
* Attended multiple professional conferences and taken numerous classes through the county: VASS conference, Slate, Website Creation.
* Have taught Regular ed. and ESOL summer school classes for multiple summers.
* Taught the two week SOL remediation class over the summer in which all of the students passed the SOL. Had 90% + pass rate for my students that have taken the VA Standards of Learning test in the past 5 years.
* Annually organized and implemented after-school review session for the state End-of-Course Standards of Learning Test. (Pass rate can be requested from previous employer)
* Substitute taught in Stafford County Schools the year I left teaching (2001/2002 school year).

***Professional Preparation***

Student Teacher: Balliteer Community School, Dublin, Ireland (11/96-12/96)

* Instructed 100-125 second, third and fifth year secondary students in General Science, Earth & Space Science and Physical Geology.
* Lab activities included constructing a small-scale model of the Solar System within the school yard.

Student Teacher: Seneca Valley Middle School, Zelienople, PA (11/96-12/96)

* Instructed six classes of seventh grade Life Science. One of the six was an inclusion class in which I worked with a team teacher to accommodate students with learning difficulties.
* My unit topic was matter. Included in my unit were cooperative activities on determination of density, rock and mineral identification, and classification of matter based on it physical and chemical properties.
* Assigned a library research project for which each student had to make a brochure on an element.

Field Experience: Slippery Rock Area High School, Slippery Rock, PA (6/96)

* Observed grades 9-11 in Chemistry, Biology and Ecology classes and assisted with some lab activities.

Field Experience: Perkiomen Valley High School, Gratersford, PA (12/95)

* Observed grades 9-12 in Chemistry, Biology, Anatomy, Physics, and Earth Science classes at my former high school.
* Lectured to 9th graders on bathymetric features and had them draw a profile of the ocean floor by plotting SONAR readings. Demonstrated SONAR with the use of a depth finder.