

Kenan Fellow Master Teacher Project Description

“Green Our Schools”

Mentor: Jon Parsons, Sustainable Sandhills

Guide your students to understand how using a different type of light bulb and taking shorter showers can help them see the benefits of a green facility. Sustainable Sandhills assists businesses and schools to reduce utility costs by adopting sustainable practices. “Greening” a business, a school, or even your home not only reduces operational costs but has significant environmental benefits as well.

A Kenan Fellow Master Teacher will partner with Sustainable Sandhills to develop curriculum that allows students to analyze facility energy/water/solid waste assessment data and the impact that recommended changes will have on energy/water/waste reductions at these facilities. Students will be introduced to the benefits of “green” facilities, methods used to benchmark energy and water use, energy and water conservation strategies, and statistical analysis of data.

During this collaboration, the Fellow will develop a curriculum that aligns with their interests and classroom needs in an effort to engage students and schools in sustainable practices. Lessons could incorporate the new LED lighting technology, biodegradable packaging and a school energy assessment. Potential projects ideas surrounding sustainable practices range from statistical and mathematical problem solving to environmental issues.

Mentor: Jon Parsons, Executive Director, Sustainable Sandhills, Fayetteville NC

Websites: <http://www.sustainablesandhills.org/GreenBusiness.html>
<http://www.wastereductionpartners.com/>

Grade Level/Subjects: Middle or high school math, science and technology teachers are encouraged to apply.

This Fellowship is available to teachers in the following school districts:
Bladen, Clinton City, Cumberland, Fort Bragg, Hoke, Moore, Robeson and Sampson.

Information about the Kenan Fellow Master Teacher Program can be found at:

<http://www.ncsu.edu/kenanfellows/>