March 2, 2010

“Technology: Pathway to a Greener Future”

Year 2

Student Name_________________________________________

Field Trip Sites
(Select 1st choice, 2nd choice, and 3rd choice)

____ A.  U.S. Forest Service (Science)
How is technology and science used in the maintenance and improvement of Nation Forest System Lands? Students will meet professionals currently working in careers available in science and technology including Geology/Minerals, GIS, Wildlife Biology, Fisheries, Law Enforcement, Botany, and Fire Management.

____ B.  University of Idaho Kimberly Research Center (Agriculture)
Interested in a career in research? See how agriculture, science, technology, and imagination all combine at the University of Idaho's Kimberly Research and Extension Center Potato Storage Facility. Help us evaluate for the best french fry. A tour will be given and educational requirements will be discussed.

____ C.  Wind Energy Technology (Green Technology)
Field Trip participants will have the opportunity to view a PowerPoint presentation about the College of Southern Idaho Wind Technology program narrated by Program Manager and head instructor, Mark Goodman. Participants will also take part in hands on exercises involving measuring voltage with digital multi-meters and building several electrical circuits in the electrical lab. The field trip will conclude with a building and equipment tour as well as a question and answer period.

____ D.  St. Luke’s MV Regional Medical Center (Health—Medical)
Students will tour the IT facilities and the medical center laboratory and participate in hands-on activities. Health careers will be discussed.

____ E.  St. Luke’s MV Regional Medical Center (Health--Technology)
What is diagnostic imaging? Students will discover what it is and tour the IT facilities of the medical center. Health careers will be discussed.

____ F.  Idaho National Laboratory (See attached Sheet for Registration)

____ G.  Hilex Poly Co
Considering a career in the plastics industry? Then come to Hilex Poly Company and explore just a few of the exciting opportunities available. From manufacturing to management, engineering to accounting, jobs in the field of plastics technology are in demand. Your visit will include a 30 minute presentation on plastic bag manufacturing and recycling followed by a 30 – 45 minute tour of the facility. A 15 minute Q & A session will be provided at the end of the tour.

____ H.  Conservation, Seed & Restoration (Agriculture)
Conservation Seeding & Restoration is founded upon the science that native plants provide the best solution for restoring the long term viability, function and maintenance of biodiversity which can be applied to both wildland and landscaped ecosystems. Zenyth Propst, CSR Biological Technician, will kick off the tour with a presentation on the Biological aspects of ecology restoration. The tour will then move into the lab for a demonstration and hands on seed viability testing by Matt Greer, CSR Seed Production Manager. Next we will tour CSR’s Native Green House hosted by James Eells, Nursery Manager.

____ I.  Seastrom’s Mfg. (Manufacturing Technology)
Our goal is to help show and demonstrate many of the positions that are available for girls that are seeking a career path in Technology. Provide any information on course work to help prepare them for the work field, as well as any required education required after High School. To give them demonstrations of different positions throughout our company, such as the quality department, system support, purchasing, Machining, Auto Cad design, Engineering. To provide hands on experience, and provide an understanding of what is expected for a employee entering the work field.