THE ELEMENTS UNEARTHED
TEAM APPLICATION PROCESS

The Elements Unearthed Project will train teams of students and community members to use advanced video hardware and software to document the history, mining, refining, manufacturing, uses, and hazards of the chemical elements and industrial materials in their local areas. We will begin with teams in Utah during the 2009-2010 school year, then expand to neighboring states and beyond.

Teams can consist of four to six people living in a community that has access to a relevant site or business. The teams can be made up of high school students, community members or organizations, families, or anyone interested in learning these skills and in preserving their local history of science and engineering.

Each team will identify and utilize a Subject Matter Expert, such as a scientist or engineer from the local site or a historian or museum staff member if the site is no longer in operation. This SME will review all research, scripts, and videos for accuracy and objectivity. In addition, other teams will collaborate with your team to evaluate your efforts.

We expect to have ten teams selected from Utah, and will give preference to those teams that are from rural areas of the state near mining districts and teams that have a balance of expertise in science, history, media design, and/or art. All team members must be in 9th through 11th Grade this year (2008-09) in order that they can return and continue the project next year.

Our timeline will be as follows:

+ Team application deadline: April 15, 2009
+ Team selection and notification: May 1, 2009
+ Initial training (one day, three hours): May, 2009
+ Research into topic, SME identification: Summer, 2009
+ Training and Videotaping Week (training on video software and hardware, tours of sites, capturing and transcribing footage): Fall, 2009
+ Team rough edit of video: Feb. 28, 2010
+ Alpha testing (evaluations): Mar. 15, 2010
+ Final revisions and exporting: April 15, 2010

To find out more, please visit our blog and wiki sites at:

elementsunearthed.com

elementsunearthed.pbwiki.com

Application Procedure:

Send the following information as an e-mail attachment in MS Word format to David V. Black at:

dblack@mlatc.edu

or mail the completed document to:
David Black
159 South 320 East
Orem, Utah 84058

1.) The mentor teacher name, title, and contact information for summer, 2009.

2.) The names of students on the team and their primary areas of interest in school/careers, such as chemistry, physics, math, history, media design, etc.

3.) The topic you wish to document and the name of the business or site and its location and distance from your school. How is this business involved with the history, mining, refining, manufacturing, usage, or hazards of the elements or materials or energy production?

4.) Include an outline of your proposed script - what topics do you wish to address in your video and in what order?

5.) List the computer software and hardware that you have available either personally or at school that can handle photography, image manipulation (such as Adobe Photoshop), video editing (such as Apple Final Cut Studio or Adobe Premiere), and any cameras (still or video) that could be used. We will provide mid-range video equipemnt, microphones, tripods, lights, etc. but if you have your own equipment it can help provide extra footage.

6.) Include your plan for completion of the project with a preference for when you will want to do your tour/videotaping, which team member is going to be responsible for each of the jobs of script writing, wiki development, primary research, photography, image clean-up, copyright permissions, camera set-up, microphone set-up, light set-up, videotaping, capturing, transcribing, video editing, audio editing, titles and credits creation, and final editing. Note: Any diagrams, animations, or other advanced visuals can be created either by your team or by David Black.