

## High School Webmaster 2015 Design Brief

### E-Waste: Renewable Solutions for a Disposable Society

#### I. CONTEXT

Although electronic devices permeate our lives today, the technology of these devices has a shelf life. Be it the alkaline batteries that we may exhaust in a few weeks, cellphones that are replaced every two years, or TVs and computers that may be replaced every four to five years, our society generates an unimaginable amount of electronic waste that is annually dumped into landfills.

#### II. CHALLENGE STATEMENT

Develop an educational website that targets your community with information and solutions for cutting down and eliminating the deposit of e-waste in landfills. You should present information about the harm that electronics and batteries can cause when not properly disposed of, as well as local solutions for properly recycling and/or disposing of these items. At a minimum, teams should focus on batteries, cell phones, computers, and televisions in their solution. If the team wishes to expand upon these requirements, they are welcome to do so.

Teams should strive to not develop a “book report.” The solution should be engaging, graphically interesting, and easy to understand. Teams are reminded that the point of their solution should be to educate the public on the harm of improper disposal of electronic devices, and to provide the public with clear solutions for local options of proper disposal.

The solution must be presented as a separate website, independent of the required TSA and STEM program information, with its own design and navigation. A separate host or domain is NOT required. Teams must link to their chapter’s TSA information page from the design brief solution, and vice versa.

#### III. SUBMISSION PROCEDURE

For **NATIONAL COMPETITION**: Teams must submit their URL to [webentry@tsaweb.org](mailto:webentry@tsaweb.org) no later than the date/time specified in the HS guide Webmaster rules and regulations.

For **STATE COMPETITION**: Consult your state website for details about submission procedures for your state conference.

#### IV: EVALUATION

Thought should be given to effective website design practices and cross-platform compatibility. The website will be evaluated using any combination of Windows 7 and 8, as well as Mac OS X, in any browser supported by those platforms, including the latest versions of Internet Explorer 10/11, Firefox, Chrome, and Safari. Mobile browsers MAY be used in evaluation. Teams should strive to create a clean, easy-to-use website that features an excellent presentation of the required content.

Teams are reminded that ALL work (design, content, and markup/code) should be the product of the 2014-2015 school year. Allowed prior work would include photographs and news articles from previous conferences and activities.