

# Middle School Geospatial Technology

## 2015-16 Design Brief

### Problem

The officials of your town are interested in designating an educational public facility for community residents and tourists that will feature the town's history. Information provided at the facility would target historic landmarks, sites of general interest, and local home artifacts.

### Challenge

Research your town and its history – specifically, historic landmarks and sites of interest. Based on your research, present a geospatial analysis that shows an optimum location for the facility, as well as the location of landmarks and general interest sites. Considerations for the optimum location should include factors such as: open/available land for the development of a facility; easy access to historic and general interest sites; and facility size to accommodate tourists. Additionally, your research should consider routes (in sequence order) for visiting historic and general interest sites, and access to convenient hotels, restaurants, etc.

### NOTES:

1. Research should be specific to your town; you may use federal, state, and local resources (including local archives, interviews with town residents, etc.) to gather information about historic sites and sites of general interest. For information about federally recognized historic sites, consider visiting the [National Register of Historic Places](#), where collections and listed properties can be found.
2. To prepare for the competition, teams are encouraged to use the geospatial technology practice lessons provided at <http://www.digitalquest.com/tsa.html>.