

## Project ideas From Oak Canyon June 2006

- Map trees in the neighborhood by type and size. Urban forest, circumference, habitat, concentrations, age of neighborhood. What type of trees should we be planting? What animals live in what trees? What diseases attack trees? Community partner: division of urban forestry? Tree city USA. Grants are available to inventory trees. Heritage tree program. Trees that are considered significant. Locate them and map them.
- What about a GPS cooperative project with other classrooms around the U.S.? Cyber postcards? Mark locations and give the other schools the exact latitude and longitude along with a photo of the feature. Link to an already existing map, or include a student-created map of the area. We could answer the letters sent to “any 5<sup>th</sup> grade” with this information. One bus trip to go around the city taking GPS locations and photos. Teachers might add some out-of-area features such as the Great Salt Lake or Delicate Arch.
- What about mapping houses by age and layering the results so you could see how the old neighborhood grew? Make a slide show or movie to create a graphic presentation of the growth.
- Shoreline data tracking/location
- Historical sites/oral histories
- Mapping School Grounds/ Description
- “Bear Poop”/Location tracking animals
- “Blind targeting/Military Targeting
- Curb access to all streets, are they wheel chair, Stroller accessible – Needs study
- Cemetery
- Crime, traffic accidents – Is there a cause for high incidence of traffic accidents.
- Graffiti
- Need to Recycle in community
- Hobble Creek – Water
- Springville fish hatchery – Water
- Wetlands – Water

- Storm Drains – Water
- Historic Trails
- Historic Places, Building & Houses
- Bronze Statues – Art
- Know your community, library, city, school etc.
- Flood plain
- Wetland inventory
- Sidewalk inventory – Access & Location
- GPS – Fissure
- Storm Drains
- Fire Hydrants
- Mapping lichen colonies to test air quality
- Spanish Trail Location
- Escalante Domingeze Trail & Markers
- Lake Bonneville Shoreline & Evaluation
- Mormon Culture Region
- Hole in Rock Trail, campsites & stories
- Historical Railroads
- Family history with story locations & Pod cast
- Spanish Mines in Utah
- Student Population by grade for charter school
- Topaz building & homes
- Changes in temperature by location and elevation (microclimate)