

# Location Based Learning & Analysis with GPS

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## Agenda, Day 1

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| 1. Welcome & Introductions                                  | 8:00 - 8:15 AM      |
| 2. GPS - The Basics, or How Does It All Work?               | 8:15 - 8:45 AM      |
| 3. Getting The Feel - Let's Play Hide -n- Seek!             | 8:45 - 9:15 AM      |
| 4. Geocaching, An Introduction                              | 9:00 - 9:30 AM      |
| 5. Geocaching Account Creation & Logging Your Finds         | 9:30 - 9:45 AM      |
| 6. Break  | 9:45 - 10:00 AM     |
| 7. Integrating Geocaching - Examples of Caches that Teach   | 10:15 - 10:45 AM    |
| 8. Managing Waypoints - GSAK                                | 10:45 - 11:15 AM    |
| 9. St. George Art Walk                                      | 11:15 AM - 12:00 PM |
| 10. Lunch   | 12:00 - 1:00 PM     |
| 11. Art Walk Debrief - Challenges & Improvements?           | 1:00 - 1:15 PM      |
| 12. What If... Mapping & Caching Activity with Google Earth | 1:30 - 2:45 PM      |
| 13. Tonight's Assignment & Wrap-Up                          | 2:45 - 3:00 PM      |

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| 1. Assignment Sharing & Debrief  | 8:00 - 8:30 AM      |
| 2. Community Mapping - Authentic, Project-Based Learning   | 8:30 - 9:00 AM      |
| 3. Sample Project Discussion & Setup: Tree Mapping   | 9:00 - 9:15 AM      |
| 4. Tree Mapping - Waypoint & Data Collection   | 9:15 - 9:45 AM      |
| 5. Share Your Data - Bonus Google Spreadsheets Demo<br>• <a href="http://tinyurl.com/l2wspq">http://tinyurl.com/l2wspq</a> | 9:45 - 10:15 AM     |
| 6. Break   | 10:15 - 10:30 AM    |
| 7. Map Creation V1 - Google Earth  | 10:30 - 11:15 AM    |
| 8. Map Creation V2 - ArcView, The Pro Tool   | 11:15 AM - 12:00 PM |
| 9. Lunch   | 12:00 - 1:00 PM     |
| 10. Meet Me at N 37° 06.080 W 113° 32.081  | 1:00 - 2:00 PM      |
| 11. Google Earth V. ArcView  | 2:15 - 2:45 PM      |
| 12. Assignment & Wrap-Up   | 2:45 - 3:00 PM      |