

GPS in the Classroom - June 1-2, 2010

Clint Stephens
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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 Scavenger Hunt | 11:15 AM - 12:00 PM |
| 10. Lunch | 12:00 - 1:00 PM |
| 11. Scavenger Hunt 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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Agenda, Day 2

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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 | 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 Vs. ArcView | 2:15 - 2:45 PM |
| 12. Assignment & Wrap-Up | 2:45 - 3:00 PM |