

Waihee Watershed Investigation & Restoration Program
Agenda for Summer Workshop:
Coastal Waihe'e Field Studies using GPS & Digital Tools
July 5, 6, 7, 10, & 11
8:00 - 12:00

Day 1

Wednesday July 5th – Maui Waena Intermediate School Library

- Welcome – *Bob Street, MCLT*
- Introduction – *Auntie Maile Shaw*
- Background on Waihee Reserve – *Dana Hall*
- Recent Developments & The Maui Coastal Land Trust– *Scott Fisher, Kaimana Lee*
- What is GIS and how does MCLT use GIS the Waihee Reserve? – *Sky Harrison, Kuaola, Kaimana*
- Overview of Agenda for the Week & of the Year-long Program – *Bob Street, MCLT*

Day 2

Thursday July 6th – Maui Waena Intermediate School Library

- Using GPS – *Hands-on Activity with the Digital Bus*
- Wetlands in Waihee – *Fern Duvall, DLNR*
- Plants of Waihee – *Bob Hobdy*
- Electronic Data Collection with Vernier Lab Pro Equipment
Digital Microscopes and Digital Camera Use
Hands-on Activity with the Digital Bus
- The Waters of Waihee – *Skippy Hau, DLNR DAR*
- Reminders for following Field Study Day – *Bob Street, MCL*

Day 3

Friday July 7th - Waihee Reserve

- Meet at Maui Waena Intermediate School
- Meet at Waihee Elementary School
- Enter Waihee Reserve (*Park at Restrooms*)
Welcome – *Scott Fisher, MCLT*
GPS, Cameras, Clipboards – *Digital Bus*
- Guided Walk – *Bob Street, MCLT*
Coastal Strand
Wetlands
Riparian
Dunes
- Data Collection to be Geo-referenced
Ocean & Stream Water Quality Test
Cultural/Historical Sites

Day 4

Monday July 10th – Maui Waena Intermediate School Library

- Field Data Discussion – *Digital Bus & Bob Street, MCLT*
- Watershed Demo – *Kat Lui, EMWP*
- Compiling Data onto Computers – *Digital Bus*
 - Uploading Pictures
 - Entering Data into Tables for GIS Use
- Data Analysis – *Digital Bus*
 - Simple Graphs of Data for Initial Results Analysis
 - Slideshow Presentations
- Waihee Watershed Program Expectations – *Bob Street, MCLT*

Day 5

Tuesday July 11th – Maui Waena Intermediate School Library

- Waihee Watershed Curriculum Design – *Digital Bus*
- Introduction to Curriculum Resources -- *Digital Bus*
 - Kahea Loko, Project Wild, Hoike, Digital Bus
- Hoike o Haleakala Curriculum – *Shannon Wianecki, MISC*
- Digital Bus Watershed Curriculum – *Digital Bus*
- Standards Alignment – *Digital Bus*
 - Curriculum Mapping & Assessment*
- Planning for Implementation (Small Group & Individual Work) – *Digital Bus*
 - Brainstorming with a Graphic Organizer
 - Complete Rough Unit Outline Template
 - Report Back to Whole Group
- Scheduling Information & Logistics at Waihee
 - DB Request Forms, Waivers
 - MCLT Waivers, Bus Transportation