MA‘ILI POINT FIELD TRIP: SEPT. 28, WEDNESDAY
8:00 am to 11:20 am (with Mr. J & Mr. M)

Before the Field Trip!
- Hand in your signed permission form & medical insurance info (no form, no medical, no trip! Note: school medical can be obtained - ask your teacher)
- In class you will be assigned a group of 3-4 students. Chaperones will be with no more than 12 students for the morning.
- Take this sheet home to let your family know more about the trip & to prepare all you will need to bring with you - this includes:
  1. notebook, pencil, & limu flashcards
  2. sunscreen lotion, hat, umbrella (depending on weather)
  3. running or hiking shoes - waterproof if possible (slippers will not protect your feet from sharp rocks, mud, etc!)
  4. water & snack for recess (you will return to school in time for lunch as normal)
  5. plastic shopping bag to collect samples, trash, etc - you may also want to bring a small backpack, but you cannot leave personal items on the bus!
Things not to bring: music walkmans, gameboys, other valuables

On the Day of the Field Trip!
Note: If you are not going on the trip, report to the class your teacher assigned you with all your term notes to do alternate work. Stay there for only 1 class, & go to your other class as normal.
- 8:00 - in your classroom, review agenda, meet chaperones & get into groups
- 8:15 - meet bus, get name tags as you step onboard (wear all morning!)
- 8:30 - bus departs (remember safety & manners for bus)
- 8:45 - bus arrives at Ma‘ili Point site
- 9:00 - groups get water test kits and choose 10 ft x 10 ft. site to observe & conduct water tests, and clean up beach area
- 10:00 - guest presenter, Domingo Gomes, talks story with whole group
- 11:00 - students get on bus and return by 11:20
  Note: there is a public restroom at the beach site

After the Field Trip!
- Bring all field trip data to your next class - this includes you group's: limu cards, water sample data, & site maps & observations (includes limu, bugs, fish, plants, pollution, waterlines (high tide, etc), rocks, etc. - everything you saw, heard, smelled, &/or felt at your group’s sites!)
- Homework: a draft list of everything people do (or could do) to mālama ka ‘āina on the Leeward Coast
<table>
<thead>
<tr>
<th>Project Criteria</th>
<th>Exceeds Expectations (80% +)</th>
<th>Meets Expectations (____% +)</th>
<th>Does not meet Expectations (____% or less)</th>
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<tbody>
<tr>
<td><strong>1. Water Analysis</strong> (collection, testing, &amp; written results with kit) <em>Must do this one!</em></td>
<td>Team worked together &amp; completed all tests accurately; did extra tests; helped other teams; fully participated &amp; listened in large group</td>
<td>Team worked together, completed 75% of all tests with accurate results; listened &amp; participated in large group and was off-task no more than 3 times</td>
<td>Team unable to work together &amp;/or completed less than 60% of tests accurately; was off-task, not listening or participating in large group more than 3 times</td>
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<td><strong>2. Limu observation</strong> (identification of types, count, locations) * note students cannot take away limu from site!!</td>
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<td><strong>3. Site mapping &amp;/or Observation</strong> (estimate size, use scale to draw &amp; show location of) * Teams of 3-4 will see 2 sites each on trip</td>
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<td><strong>4. Site Clean up</strong> (record, clean up litter, oil, etc) <em>Bring trash bags &amp; practice safety!</em>)</td>
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<td><strong>5. Poster or Model</strong> (to show all field trip results to class) *will only have 1 class to put together!!</td>
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<td><strong>6. Team Presentation</strong> (to tell class what you learned on the trip) *will only have same 1 class to prep this!!</td>
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<td><strong>7. Environmental Action List</strong> (team list of everything people do or could do to mālama ka ‘āina)</td>
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