3-FOLD DISPLAY PROJECT: FAVORITE PLANT in HAWAI’I

STEP 1: CHOOSE YOUR PLANT
- Watch the powerpoint show & write the names of the plants you like
- Look at the plants around your home or in books, magazines & newspapers about Hawai’i (make sure the plant grows here!)

STEP 2: RESEARCH IT
- Type your plant’s names (common, scientific & Hawaiian) into a search engine on the Internet
- Look up your plant in the library (also look for it in Hawaiian history books - use the index at the back!)
- Interview a family member or neighbor about your plant (use the hand-out the teacher gives you to do this)

STEP 3: PLAN YOUR DISPLAY
- Say or show what the plant looks like (you can also say what other plants are related to it) & how it works (you can describe how it grows, reproduces, bears fruit or whatever else it does ... use the info and vocabulary in your textbook!)
- Give the plant’s history (how did it evolve over time, where did it come from, how did it get here)
- Give the plant’s uses (what parts of the plant are used, by whom, and for what purposes)
- Say who & what your plant depends on to live, and who & what depends on it to live (this is called interdependence - don’t forget water!)
- Say if it is useful to Hawaiians now, if it is endangered or extinct, and if so, what is being done to help it (this is called conservation)

STEP 4: ORGANIZE YOUR INFO
- Make a sketch of where your paragraphs, stories, poems, pictures, drawings or maps should go on your 3-fold display board before you start

STEP 5: PUT IT TOGETHER & PRESENT IT
- Make sure it doesn’t get too heavy to stand up on its own, then practice presenting it to a group (do not turn your back to your audience or just read off your display board - talk to show how interesting your plant is!)
FAVORITE PLANT PROJECT:
HOW TO GET THE GRADE YOU WANT

1. DUE DATE FOR THIS PROJECT IS: ___________________________

2. GRADES FOR THIS PROJECT ARE BASED ON THESE CRITERIA:

<table>
<thead>
<tr>
<th>DOES NOT MEET EXPECTATIONS</th>
<th>MEETS EXPECTATIONS</th>
<th>EXCEEDS EXPECTATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Plant does not grow in Hawai‘i</td>
<td>• Plant grows in Hawai‘i</td>
<td>• Plant grows in Hawai‘i</td>
</tr>
<tr>
<td>• Research includes less than 2 of the sources in Step 2</td>
<td>• Research includes 2 of the sources in Step 2</td>
<td>• Research includes all of the sources in Step 2</td>
</tr>
<tr>
<td>• Less than 3 of the types of info in Step 3 are given</td>
<td>• 3-4 of the types of info in Step 3 are given</td>
<td>• 4 or more of the types of info in Step 3 are given</td>
</tr>
<tr>
<td>• Info given lacks details or is wrong</td>
<td>• Info given includes correct details</td>
<td>• Info given includes correct 7 full details</td>
</tr>
<tr>
<td>• Display has only visuals or writing, or is not original</td>
<td>• Display has both visuals &amp; original writing</td>
<td>• Display has variety of visuals &amp; original writing</td>
</tr>
<tr>
<td>• Presentation is too quiet, too long, too short, or too dull</td>
<td>• Presentation is loud enough &amp; interesting (teacher saw you practicing)</td>
<td>• Presentation is loud enough &amp; interesting (clearly well-rehearsed)</td>
</tr>
</tbody>
</table>

3. I .... (circle your answer) .....  AGREE  DISAGREE
WITH THESE CRITERIA BECAUSE: ___________________________

______________________________________________________

4. I PLAN TO EARN THIS GRADE:  A  B  C  D  F
I WILL DO THIS BY: ___________________________
FAVORITE PLANT PROJECT: INTERVIEW SHEET

DIRECTIONS: Use this sheet to take notes when you ask a friend, family member, or neighbor about the plant you are studying. (Do not just give them the sheet to fill in!) Honor the Hawaiians who are passing their knowledge to you by writing down their names & those who taught them, too.

PLANT NAMES: (Common Hawaiian): ___________________________
            (Common English): _______________________________
            Scientific: _____________________________________

NAME OF PERSON INTERVIEWED: ____________________________

QUESTIONS TO ASK:

1. Who taught you about this plant? ______________________________

2. When did you first learn about it? _____________________________

3. Where have you seen this plant grow? __________________________

4. Who plants it now? ________________________________________

5. How does it grow? _________________________________________

6. Can you describe this plant’s parts? & What these parts are used for?
   a) ROOT - __________________ USES - _________________
   b) STEM - _________________ USES - _________________
   c) LEAF - _________________ USES - _________________
   d) FLOWER - ________________ USES - _________________
   e) FRUIT - __________________ USES - _________________

Science in Hawai‘i: Nā Hana Ma Ka Ahupua’a – A Culturally Responsive Curriculum Project