<table>
<thead>
<tr>
<th>Title</th>
<th>Flying High: The Colors of Hawai‘i</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade</td>
<td>7</td>
</tr>
<tr>
<td>Topic</td>
<td>Probability</td>
</tr>
</tbody>
</table>
| Standard, Benchmarks & I can statement | **Hawaii Standard(s) addressed:** **Standard 4:** Measurement: FLUENCY WITH MEASUREMENT: Understand attributes, units, and systems of units in measurement; and develop and use techniques, tools, and formulas for measuring  
**Benchmark:** MA. 7.4.2: Uses ratios and proportions to relate a scale drawing to an actual object.  
**I can** (Benchmark restated): I can use ratios and proportions to relate a scale drawing to an actual object. |
| Outcome                       | Draw an accurate replica of the Hawai‘i state flag. |
| Time Recommended:             | 1 45- 60 minute class period to go through the WebQuest  
1 45-60 minute class period to complete the product |
| Materials needed:             | **Materials-** large paper at (least 12 x 6), ruler, pencil, scissors, colored pens or markers  
**Skills** – Students should know how to multiply by fractions before beginning WebQuest.  
Students should know how to use a ruler to draw lines of a certain length before beginning WebQuest.  
| Vocabulary: Hawaiian vocabulary: | Ratio  
Proportion  
Lākiō  
Lākiō like |
| Collaboration Options:        | • The WebQuest and/or product could be completed in pairs. |
| Differentiation Options:      | • Students can complete product using only the product explanation sheet  
• Students can complete product using the product explanation sheet and check their work with either the Proportions Help Sheet or the Calculation Help Sheet found on the teacher’s tab of the website.  
• Students needing help with proportions can use the Proportions Help Sheet and check their work with the Calculations Help Sheet.  
• Student needing help with calculations and who have a limited understanding of proportions can use the Calculations Help Sheet. |
| Homework Options:             | • Students could complete the product outside of class  
• Reflections questions could be completed |
| Other Options:                | • Display the flags and have the class vote for the one that will remain on display for a period of time. |