<table>
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<th>Title</th>
<th><em>Pointing the Way</em></th>
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<td>Topic</td>
<td>Geometric Shapes and Their Properties and Relationships</td>
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| Standard, Benchmarks & I can statement | **Hawaii Standard(s) addressed:** Strand: Geometry and Spatial Sense – **Standard 5:** Geometry and Spatial Sense: PROPERTIES AND RELATIONSHIPS: Analyze properties of objects and relationships among the properties  
**Benchmark:** MA.4.5.3: Compare points, lines, line segments, and rays  
I can (Benchmark restated): I can compare points, lines, line segments, and rays. |
| Outcome       | Create a display of constellations and stars |
| Time Recommended: | 60 minutes |
| Materials needed: | **Materials:** white paper, black paper, hole punch, scissors, glue, markers  
**Printing** – none required  
**Equipment (beside computer):** overhead projector or other light source, Java needed for Illuminations link |
| Vocabulary: Hawaiian vocabulary: | **Line**  
**Line segment**  
**Ray**  
**Point**  
  - Kaha  
  - Laina moeā  
  - Āwae  
  - Kiko |
| Options: | - To differentiate – have students label each star with a letter and then accurately name each line segment that makes up a constellation.  
- Constellations can be drawn using Paint or Word rather than hand drawn |
| Tips | - **Homework** – For the product, steps 1-5 could be done in class and then the rest of the product completed as homework.  
- **Homework** – Reflection questions can be assigned. |