**Elemental Mola Project**

**Due Thursday, October 15, 2015**

**Introduction**: The artistry of a mola reflects a synthesis of traditional Kuna culture with the influences of the modern world. Mola art developed when Kuna women had access to store bought yard goods. Mola designs are often inspired by modern graphics such as political posters, labels, pictures from books and TV cartoons, as well as traditional themes from Kuna legends and culture. Geometric molas are the most traditional, having developed from ancient body painting design. (source: https://en.wikipedia.org/wiki/Mola\_(art\_form))

 **Quest**: You will research the properties, uses and history of one element which you have been assigned, and design a mola to represent important information about that element.

**The goal is to show important things about the element.**

**Process**: Research the element, learning as much about your element's properties and history as possible. Design and make your final product. It should fill an 8 ½ inch (along the top) by 8 inch piece of paper. Try to make it look as professional as you can. Create a label on a blank vertical 3x5 card or piece of paper which tells about the images you included in your artwork, and how they relate to the element. For example, if you had gold, you could include an image of a gold coin and include on the label that gold has been used for thousands of years as currency.

**Required information:**

Hand in the **data sheet** (filled out legibly - copy it over if you need to), the **mola** (it must be 8 ½ inches wide by 8 inches tall ), and your **label** (it must be 3 inches wide and 5 inches tall, preferably typed or printed).

 Check list:

* Your name should be on the data sheet, the label, and on the back of the mola.
* The mola should include the element symbol (Na, for example) and three to five images relating to the element. It should also include the following seven design elements high quality molas have:
	+ bright colors, layered pattern of colors, attention to evenness and width of cutouts (thinner is higher quality), details such as zigzag borders or lattice work, artistic design and color combination
* The label should include a title, the artist’s name and a list of each of the images you used and how that image relates to the element.

**Scoring:**

This project counts as **three** labs. Be sure your project meets the criteria specified on the scoring rubric on the other side of this paper.

The project should clearly show **at least two class periods** worth of effort.

**Web sites**: You need to use at least three, five if you include Wikipedia.

The Periodic Table of the Elements <http://www.webelements.com>

Los Alamos Periodic Table <http://periodic.lanl.gov/default.htm>

Chemical Elements Periodic Table <http://www.chemicalelements.com/>

The Visual Elements <http://www.chemsoc.org/viselements/>

Visual Periodic Table <http://www.chemsoc.org/viselements/pages/pertable_fla.htm>

Element Names <http://en.wikipedia.org/wiki/List_of_chemical_element_name_etymologies>

Photographic periodic table <http://periodictable.com/>

Properties of the elements <http://www.ptable.com>

Science in Context:<http://infotrac.galegroup.com/itweb/s0421?db=SCIC> Library ID: s0421

Scoring Rubric:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Images representing element on mola | Fewer than 3 images are present4 | 3 images are present6 | 4 images are present8 | 5 or more images are present10 |
| Graphics - Relevance | Images do not relate to the topic.4 | All images relate to the topic. 6 | All images are related to the element and most show a clear connection8 | All images are related to the element and show a clear connection. 10 |
| Creativity | The project shows very little creativity and/or did not make any of the items.4 | The project reflects ideas that are typical rather than creative.6 | The project reflects some student creativity in their creation and/or display8 | The project reflects an exceptional degree of student creativity in their creation and/or display 10 |
| Information sheet | More than three topics are missing or incorrect4 | Information sheet is mostly complete, three or fewer topics are missing or incorrect12 | Information sheet is complete except one topic16 | Information sheet is complete 20 |
| Mola presentation  | The mola has fewer than four design element4 | The mola clearly has 4 or 5 design elements6 | The mola clearly has 5 or 6 design elements 8 | The mola clearly has all seven design elements10 |
| Mola Attractiveness/ Effort | The mola is distractingly messy or very poorly executed It shows less than class periods of effort4 | The mola is acceptably attractive though it may be a bit messy.It shows less than two class periods of effort6 | The mola is attractive in terms of design, layout and neatness.It shows at least two class periods of effort8 | The box is exceptionally attractive in terms of design, layout, and neatness.It shows much more than two class periods of effort10 |
| Label neatness and mechanics(spelling and grammar) | The label is not neat or attractive. It looks like the student just wanted to get it done and didn't care what it looked like. The mechanics are poor.4 | The label is neat and most of the mechanics are good and some of the pages are attractive. It looks like parts of it might have been done in a hurry.6 | The label is typed and attractive. No more than1 error in mechanics. It looks like the author took some pride in it.8 | The label is typed, clean, neat and attractive. It is free of erasures and crossed-out words. It looks like the author took great pride in it.10 |
| Label Content | The labelis missing most required information and/or clearly describes fewer than 2 connections between the element and the mola.4 | The label includes most required information and/or clearly describes 2 or 3 connections between the element and the mola.6 | The label includes all required information and clearly describes 4 connections between the element and the mola.8 | The label includes all required information and clearly describes 5 or more connections between the element and the mola.10 |
| Note: Inappropriate or distasteful content will result in loss of credit for this project. |