Origami Project

1   Purpose:

This project provides:

- you with practice reading new origami directions with the support of your peers,
- you with experience communicating technical directions to a large group,
- the class with a guided opportunity to increase their paper-folding skills,
- you with practice researching a topic,
- an introduction into writing an abstract, and
- you with experience working with a group when writing and editing a paper.

2   Summary:

This is a project where you will need to:

1. organize into groups of three people,
2. review and agree on either a given or found (must be approved by 10/4) origami pattern to present to the class in week 3,
3. guide the class in folding your chosen origami pattern, and
4. as a group, write a literature review on you origami pattern.

2.1   Origami Patterns:

Your group can choose either from an origami pattern cited below or another origami pattern (not found in the textbook). If you elect to find a pattern not from the below list, you must get approval from the instructor by 10/9. The below patterns come from:
Honda, Isao.1965. The World of Origami. Tokyo: Japan Publications Trading Company.

Penguin pg 38	† Balloon pg 97	Lily pg 100
† Samurai hat pg 29	Crane pg 64	*Traditional Frog pg 98

† will be scheduled on the first day
* will be scheduled on the last day and is given additional presentation time.

2.2   Presentations:

Each group is given 20 minutes to guide the class in making their origami piece. You are welcome and encouraged to bring instructions (copies to hand out, use the document camera, website, etc) to help guide your peers through the process. By the end of the 20 minutes a majority of the class must be finished with the origami pattern, so make sure you not only plan the presentation carefully, but are aware of and ready to assist your peers in any trouble spots. Do be aware, that your peers will be evaluating you and will determine 10% of your grade on this project (see rubric below).

2.3 Literature Review

In general, a literature review discusses published information in a particular subject area and sometimes information in a particular subject area within a certain time period. A literature review requires both summary and synthesis. A summary is a recap of the important information of the source, but a synthesis is a re-organization, or reshuffling of that information. It might give a new interpretations of the material or combine new with old interpretations. Or it might trace the intellectual progression of the field, including major debates. While the main focus of an academic research paper is to support your own argument, the focus of a literature review is to summary and synthesize the argument and ideas of others. I will not want your opinion.

This literature review will be between 300 and 600 words, double-spaced, and group-written. The paper's focus will be on the history, origins, mythology, facts, and any other (interesting and relevant) associations with the origami pattern your group presented to the class. Notice given that the focus of this paper is on origami, pictures are completely appropriate and appreciated! The questions below can provide inspiration for where to begin your literature review, but they need not be addressed in the paper at all.

To write this paper you will have to research outside of class. A minimum of one reference from a well respected source must be collected and cited. Well respected can mean a published book or an article in an academic (or peer reviewed) publication. Well respected *does not mean* Wikipedia, Answers.com, class websites, or hearsay. You are welcome to use cites such as Wikipedia to *find* appropriate sources, but you should not use information that you cannot verify with a respected source.

- Is your origami pattern traditional or modern?
- How old is the origami pattern? Is it known who created it?
- Are there any myths or stories associated with your origami pattern?
- Did your origami pattern use a classic base? a non-standard base? any base?

2.3.1 Style

Since this is a "Introduction to Science" course you will make use of the CSE style used heavily by Biologists, Geoscientists, Physicists, and Chemists. Generally this means that you need to use CSE for in-text citations and when building your bibliography.

The UWT library has quite a few CSE specific tools available at `http://libguides.tacoma.uw.edu/citations` (accessible through the main library page, "Citation Tools/Refworks" link). Another possible source for CSE information is the University of North Carolina `http://www.lib.unc.edu/instruct/citations/index.html?page=cbe`.

3   Time Table:

Week	Date	Group to Present:
	Week Date	Group to Present:
1	Sept 30 Mon	Project Introduced
	Oct 2 Wed	Class discussion of patterns & groups
	Sign up for patterns/groups	
3	Oct. 14 Mon.	Presentations from Group 1, 2 & 3
	Oct. 16 Wed.	Presentations from Group 4, 5 & 6
	Oct. 18 Fri.	Presentations from Remaining Groups
4	Oct. 23 Wed	Draft of Literature Review Due
5	Oct. 30 Wed.	Final Literature Review Due