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, 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 four people,
2. review and agree on either a given or found (must be approved by 10/22) origami pattern to present to the class in week of 10/27,
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 below or another not found in Lan's text. If you elect to find a pattern not from below, you need approval by 10/22. From: Honda, Isao.1965. The World of Origami. Tokyo: Japan Publications Trading Company. (CoursePak page)

Penguin (27)	† Balloon (26)	Lily
† Samurai hat	Crane	*Traditional Frog

† 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 share your screen, post documents for your peers, or use breakout rooms 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. Fully 50% of your marks for the presentation is evaluating your *technical communication*

skills when presenting to the class so be conscience of the communication techniques you elect to use. Also be aware, that your peers will be evaluating you and will determine 25% of your grade on the presentation (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, or 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 expected. 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, blog posts, 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:
1	Oct. 6 Tue.	Project Introduced
2	Oct. 15 Thur.	Class discussion of patterns & groups
3	Oct. 22 Thur.	Sign up for patterns/groups & presentation day
4	Oct. 27 Tue.	Presentations from Group 1, 2, 3 & 4
	Oct. 29 Thur.	Presentations from Group 5 & 6
5	Nov. 3 Tue.	Graded draft of Literature Review Due
	Nov. 5 Thur.	Final Literature Review Due