

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 to another citation style (CSE), 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 two to three people,
2. review and agree on either a given or found (must be approved by 4/11) 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 4/11. The below patterns come from:

Honda, Isao.1965. The World of Origami. Tokyo: Japan Publications Trading Company.

Crane pg 64

Lily pg 100

Balloon pg 97

Traditional Frog pg 98

Penguin pg 38

Samurai hat pg 29

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, overhead transparency, 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 two and four pages, 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. The questions below can provide inspiration for where to begin your literature review, but they need not be addressed in the paper at all.

- 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 Syle

Since this is a "Introduction to Science" course you will make use of the CSE writing and style used heavily by Biologists, Geoscientists, Physicists, and Chemists.

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). Posted on this cite is an easy to read summary created by UWT (<http://www.lib.washington.edu/help/guides/42CSE.pdf>) as well as a (much larger) more complete decryption of CSE requirements (http://bcs.bedfordstmartins.com/resdoc5e/RES5e_ch11_s1-0003.html). Another possible source for CSE information is the University of North Carolina http://www.lib.unc.edu/instruct/citations/index.html?page=cbe_nysample.

3 Time Table:

Week	Date	Group to Present:
2	Apr. 11 Thur	Sign up for patterns/groups
3	Apr. 16 Tue. Apr. 18 Thur.	Presentations from Group 1, 2 & 3 Presentations from Remaining Groups
		Draft of Literature Review Due
4	Apr. 25 Thur.	Final Literature Review Due