

3D ILLUSTRATED STORY BOOKS

Language Arts

Middle School

Barbara Fletcher

H 978-667-2314

C 978-688-8713

Paper3d@hotmail.com

www.paperdimensions.com

Summary:

Students will create their own 3D books. Each student will write a short story to be used as the central element of the book. Students will make handmade paper using recycled fibers to be incorporated into the book structure. An accordion standup style book (6 fold) will be used. 3D images using paper casting or paper embossing methods will be added to illustrate the story. Surface design techniques including batik, non-toxic marbleizing and painting will be incorporated onto the surface of the papers to add to the visual elements of the story. Students will talk about and read their stories at the last class.



Class 1

Samples of 3D accordion books will be shown to the class. I will describe the different techniques to be used in the books. As a jumpstart to the writing process I will have a selection of nouns, verbs and adjectives for them to randomly choose from to be put together in a story line. I will also have several other writing games to help them develop their stories. Students will discuss their stories and make amendments. All completed stories will be written on paper.

Class 2

Students will plan out and draw each page of the book. They must decide where there will be a visual emphasis on subject and on text, and where they will use 3D elements.

Students will construct the base structure of their accordion books out of cardboard. I will have dimensions, so all are similar. The cardboard will be coated with gesso. Edges of the cardboard will be covered with paper for better presentation. Book folds will be reinforced.

Class 3

There will be a demonstration of how to make paper.

The class will make handmade papers with recycled fibers for their book interior.

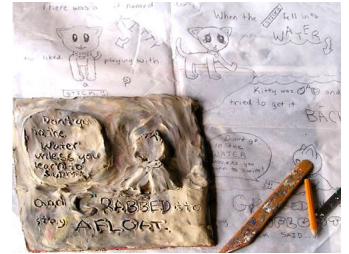


Class 4

We will finish papermaking for the pages of the book.

There will be a discussion/demonstration of the 3D paper casting and paper embossing methods.

Students will take images from one page of their story and sculpt them in clay. Handmade papers from class 3 that are not dry will be ironed and pressed dry.



Class 5

Additional sculpting will be completed. Plaster molds will be made from the clay sculptures. These will cure until the next class. Surface design techniques including batik (crayon method) and marbling (non-toxic) will be demonstrated. Students will experiment with these techniques on their dried handmade papers.

Class 6

Paper pulp will be pressed into plaster molds to be dried.

Students will work with additional paper embossing techniques and methods for making dimensional text.

At least one word from each page will be 3D.



Class 7

A second page of the story will be sculpted in clay. The dried handmade paper pages will be embellished with surface design and painting.



Class 8

The second page of the story will be cast into plaster. There will be a continuation of making text dimensional. Both sides of the accordion book structures will be painted.

Class 9

Paper pulp will be pressed into the second casting. The backs of the books will be painted and treated with different surface techniques to give the appearance of wood or metal.



Class 10

Students will create a title for their stories which will be painted or embossed on the back of the book.

Class 11

Pages will be hot glued into place and any remaining painting of text or images will be completed.

Class 12

The remaining assembling or gluing will be completed. Students will read and discuss their books.



Benefits for Students

In this multi- disciplinary class students will learn a number of processes. First, they will be expressing both verbally and visually. Writing helps children concentrate and focus and improves vocabulary and thinking skills. Learning the art medium of paper making, 3D casting and book construction will add to the artistic experience. Incorporating three dimensional images will challenge their spatial ability, and completing the overall project will give them a sense of accomplishment. Last and not least of all these activities are just plain fun.

- Evaluation forms asking what students liked about the class were handing out and returned at the end of the workshop.