Textiles DIY Project

Description: Now that you know how to hand sew and use the sewing machine and embroidery machine, it's time to design and create a unique project. You can create anything you choose as long as it satisfies the requirements listed below. It can't just be a piece of material with each of the requirements on it.

This is your time to create! Have fun with it.

Requirements: For this DIY project, you must create something three dimensional that incorporates both sewing and embroidery. See examples below. You should still check the grading rubric below to make sure your work covers those aspects, as well.

Deliverables: Submit your embroidery file and a picture and/or video of the completed project (include as many angles as necessary to demonstrate its functionality, appearance, features, etc.).

Grading: You will be graded as followed.

	0 pt	2 pts	4 pts
Embroidery	Small features/details are non-existent	Small features/details are fuzzy	Appropriate resolution to make out important features (will be determined by comparing the model to the print)
Sewing	No sewing	Minimal sewing attempted	Clean edges and smooth surface finish
3D	Two dimensional	Final project was made three dimensional but the third dimension serves no purpose (just folded over and sewn)	Final project is three dimensional
	0 ⟵⟶ 10 pts		
Execution	Poor attempt at sewing and embroidery, proper techniques not applied		Sewing and embroidery well done, good material and thread selection for the

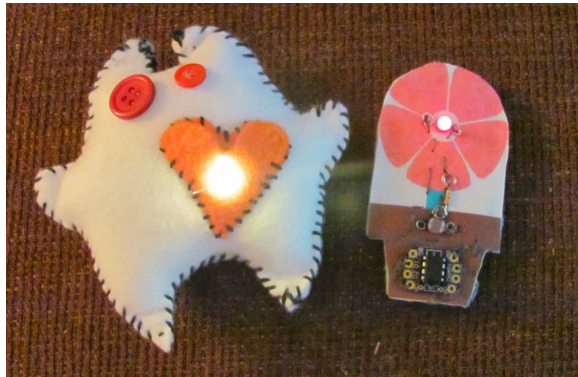|	(stabilizer, stitches, etc.)		application, smart stitch selection
Creativity	Downloadable, open-source project with no upgrades/customizations		Very creative implementation of the learned skills

Examples:

Image by The Maker's Box

[Tutorial by MIT](#)
A Soft Circuit

Image by We All Sew

[Make freestanding lace](#) and sew it to a bag or piece of clothing!