

Inquiry Question

Why are some fabrics stiff and others soft? What properties are associated with different fabrics? If you were to design a garment, what fabric would you use? How would you know it was the best choice for what you were going to create?

Name: _____ **Date:** _____



General Instructions

For this project you will collect samples of fabric and learn about the qualities of the material and what it is best used for in garment construction

You will gather scrap fabric. A great place to get these is at thrift stores, fabric store -bolt ends, reupholster stores, old pieces of clothing, house hold materials, and likely anyone that you know that sews will have fabric scraps.

Part 1. You will collect **10 pieces of fabric**. You will attach the fabric to a piece of paper and then answer the following: **Describe the contents of the fabric** (what fibers does it contain), describe qualities about the fabric (basic properties of fabric; breathability, weight, drape, durability, softness, stretchy, water-repellent, woven, knitted. You will submit photos of the samples along with a description of each.

Part 2. You **will find images of garments made with this fabric**. You will research the internet looking at fashions, and googling material names to get a visual of the fabric being used. It is good to touch and feel fabric, and it is also great to see it used in construction. You will attach a copy of the photo with the sample and description. You can physically attach it or send a link of the photo (but be sure it is clear from the link which photo you are showcasing)

To share this you will need to take photos of your sample cards. I suggest you put each sample in a page protector sleeve to keep everything together, but it is up to you how you want to display this and share it

Materials you'll need:

- A package of page protector sleeves https://www.staples.com/Staples-5-1-2-x-8-1-2-Sheet-Protectors-Clear-25-Pack/product_616224
- Scraps of fabric (old clothes, bags of scrapes from thrift store, fabric store scrap-<https://joybird.com/samples/...>)

- Scissors, glue/tape
- A camera to share back your project

Rubric

	3	2	1
10 fabric samples	A variety of fabrics chosen and neatly displayed	You have less than 10 samples,	You have collected less than 4 samples
description	Your Paragraph clearly outlines Describe the contents of the fabric and qualities about the fabric	Your Paragraph outlines some of the contents of the fabric and qualities. More details needed	You do not complete the description of each fabric
Photographs	Excellent image of the fashions that illustrate the use of the fabric	You have included some of the photos that appear to be using fabric not from your sample	Most of these fabric samples do not match the fashion images you have chosen

Possible score /9

Project submission:

You will submit the following:

Review

<https://blog.makersvalley.net/back-to-basics-fibers>

<https://www.bbc.co.uk/bitesize/guides/zjc3rwx/revision/4>

