

TEXTILES FILE BOX

Name _____ Period _____

THIS ASSIGNMENT IS DESIGNED TO ACQUAINT YOU WITH THE CHARACTERISTICS OF NATURAL, MANUFACTURED, AND BLENDED FIBERS AND THE FABRICS MADE FROM THEM.

1. For your textile file box, you will need to find samples of 10 of the following fibers: (Note: There are extra choices. You do not need samples of all of them. You may do additional samples for extra credit.)

cotton	linen	ramie
wool	silk	polyester
acetate	nylon	modacrylic
rayon	spandex	triacetate
acrylic	jute/burlap	

2. For your textiles file find samples of the following BLENDED FIBERS:

2 natural fibers blended together (for example: acrylic-cotton, silk-linen, acrylic-wool, etc.) Be sure both fibers are natural.

1 natural and 1 manufactured fiber (for example: acrylic-cotton, silk-linen, acrylic-wool, etc.) Be sure one fiber is manufactured and the other is natural.

2 manufactured fibers blended together (for example: rayon-nylon, acetate-rayon, spandex-nylon, etc.)

3. For your textiles file box you need to find 10 samples of the following WEAVES: (Note: There are more than 10 options. You do not need to do all of them.)

lace	satin	twill
plain weave	single knit	
double knit	interlock knit	
variations of a plain weave such as:		
leno	crepe	velour
velvet	terry cloth	

The samples need to be:

1. at least a 2" x 2" square
2. mounted on a file card
3. labeled with the name of the fiber at the top

4. Add the following information to your fiber cards:
 1. Is it natural or manufactured?
 2. List 5 characteristics of the fiber when used in clothing.
 3. List 3 ways the fiber affects clothing construction.
 4. List 2 of the best ways to care for the fabric made with that fiber.