**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Fabric File**



**Directions**

Visit each station around the classroom. In each station, you will:

* Read the information on the card.
* Copy any information needed into your Fabric File booklet.
* Glue or staple a sample of each fabric into your Fabric File.

After visiting each station, check off your completed booklet with your teacher.

**Fiber, Yarn & Fabric**

**Fiber**

**Fiber**

The basic unit from which fabric is made. They can be natural or manufactured.

**Yarn**

**Yarn**

A continuous length of interlocking fibers that have been twisted together.

**Fabric**

**Fabric**

The textile produced by weaving or knitting yarns together.

**Types of Fabric**

**Woven Fabric**

**Woven Fabric**

Created by the interlocking of warp and weft yarns at right angles.

**Knit Fabric**

**Knit Fabric**

Created by the continuous interlocking or looping of yarn.

**Non-Woven/Felted Fabric**

**Non-Woven/Felted Fabric**

Created by interlocking and shrinking a mass of fibers together with heat, moisture and pressure.

**Woven Fabrics**

**Denim**

**Denim**

Fabrication:

Woven (Twill Weave)

Fiber Content:

Usually Cotton

Intended Use:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Flannel**

**Flannel**

Fabrication:

Woven

Has been brushed on one or both sides to create a nap for a soft texture.

Fiber Content:

Usually Cotton

Intended Use:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Canvas**

**Canvas**

Fabrication:

Woven (Plain Weave)

Extremely Durable

Fiber Content:

Usually Cotton

Intended Use:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Calico**

**Calico**

Fabrication:

Woven (Plain Weave)

Has an all-over print, usually a floral design.

Fiber Content:

Usually Cotton or Cotton/Polyester Blend

Intended Use:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Satin**

**Satin**

Fabrication:

Woven (Satin Weave)

Smooth, Lustrous and Shiny Surface

Fiber Content:

Usually Silk, Polyester, Acetate and/or Rayon

Intended Use:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Knit Fabrics**

**Rib Knit**

**Rib Knit**

Fabrication:

Double Knit

Great Stretch

Fiber Content:

Usually Cotton or Cotton/Polyester Blend

Intended Use:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Single Knit**

**Single Knit**

Fabrication:

Knit

Can be Made Lightweight to Heavyweight

Fiber Content:

Usually Cotton, Wool, Silk, Nylon or Fiber Blends

Intended Use:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Polar Fleece**

**Polar Fleece**

Fabrication:

Knit

Soft, Napped and Insulating

Fiber Content:

Usually Polyester

Intended Use:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Sweatshirt Fleece**

**Sweatshirt Fleece**

Fabrication:

Knit (Plain Knit)

Stretchy and Soft

Fiber Content:

Usually Polyester

Intended Use:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Non-Woven/Felted Fabrics**

**Felt**

**Felt**

Fabrication:

Non-Woven/Felted

Fiber Content:

Usually Wool, Cotton, Polyester, Rayon or Fiber Blends

Intended Use:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Interfacing**

**Interfacing**

Fabrication:

Non-Woven/Felted

Some are Fusible

Used to Strengthen and Stabilize other Fabrics

Fiber Content:

Usually Wool, Cotton, Polyester, Rayon or Fiber Blends

Intended Use:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_