



Name _____ Period _____ Date _____

FABRIC EXPLORATION #1

Objective: To distinguish differences in pile weave constructions.

Supplies needed: - Two 3-inch by 3-inch swatches from the same piece of corduroy
- One 3-inch by 3-inch swatch of velvet or terry cloth

Student Procedures: Draw a vertical line on the back of each swatch to indicate warp direction. Write a "T" (for top) at the top of each swatch on the pile side of the swatches. Perform the following tests and record your findings.

Place the two corduroy swatches side by side with the "T" markings at the top. Now turn one corduroy swatch so the "T" marking is at the bottom. Describe any changes you notice in the appearance of the two swatches.

Use a pin to help unravel a warp yarn and a filling yarn from the corduroy and the velvet swatch.

Which yarns (filling or warp) form the pile?

Corduroy: _____

Velvet: _____

Which yarns hold the pile?

Corduroy: _____

Velvet: _____

What kind of weave was used to construct the back of each swatch?

Corduroy: _____

Velvet: _____