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Burn Lab

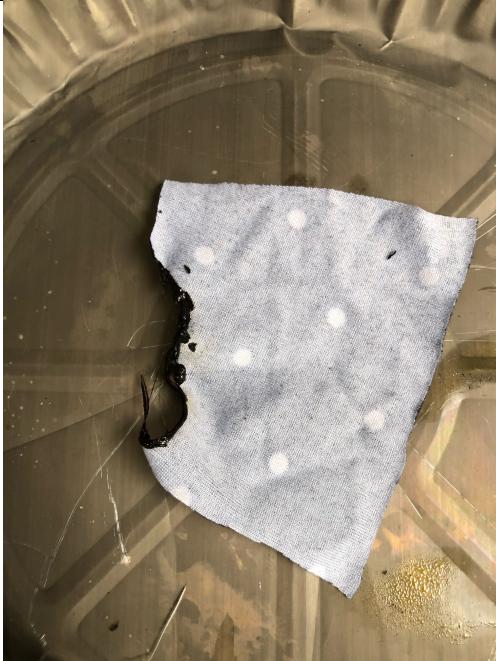
Use this worksheet to capture the results of your burn lab, including pictures. Refer to [The Burn Test](#) chart from *Threads* magazine to identify the fabric.

BE CAREFUL!

Fabric 1 <i>Insert picture of fabric swatch</i>	
Behavior of the fabric as it approached the flame	Curled away, burned quickly
Behavior of the fabric in flame	Melted, caught flame quickly
Behavior of the fabric when removed from flame	Continued to burn
Describe odor (<i>don't smell until cool!</i>)	Vinegar-y, also like burned marshmallows and paper.
Describe the ash	Flaky, dark
Picture of burning fabric OR the resulting ash	

Which fiber content do you believe you tested?	<i>Cotton/Acetate blend</i>
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Fabric 2 <i>Insert picture of fabric swatch</i>	
Behavior of the fabric as it approached the flame	Curled away and blackened, started smoking, took a long time to ignite
Behavior of the fabric in flame	Burned slowly, sputtered
Behavior of the fabric when removed from flame	Kept burning for a little bit and then went out
Describe odor (<i>don't smell until cool!</i>)	Musty, thought it was chemical at first but then I burned hair to test, and it smelled like hair
Describe the ash	There wasn't a lot of ash, but it was easy to crush and a little bit crispy
Picture of burning fabric OR the resulting ash	
Which fiber content do you believe you tested?	<i>Wool</i>

Fabric 3 <i>Insert picture of fabric swatch</i>	
Behavior of the fabric as it approached the flame	Curled and smoked a little bit
Behavior of the fabric in flame	Melted and caught fire quickly
Behavior of the fabric when removed from flame	Kept burning and melting
Describe odor (<i>don't smell until cool!</i>)	It smelled really bad and chemical-y
Describe the ash	The bead was stretchy and gummy until it was all the way cool
Picture of burning fabric OR the resulting ash	
Which fiber content do you believe you tested?	Spandex

Fabric 4*Insert picture of fabric swatch*

Behavior of the fabric as it approached the flame	Started curling and smoking
Behavior of the fabric in flame	Appeared to be melting, it curled and was smoking, took a while to catch fire
Behavior of the fabric when removed from flame	Continued to smoke, but stopped burning
Describe odor (<i>don't smell until cool!</i>)	This smelled absolutely horrible, it was definitely like burnt hair
Describe the ash	The bead was really crumbly and easy to crush
Picture of burning fabric OR the resulting ash	A photograph showing a piece of white, fibrous material, likely charred or ashed remains of the fabric, resting on a dark, metallic, reflective surface. The surface shows signs of heat damage and melting plastic.
Which fiber content do you believe you tested?	Silk