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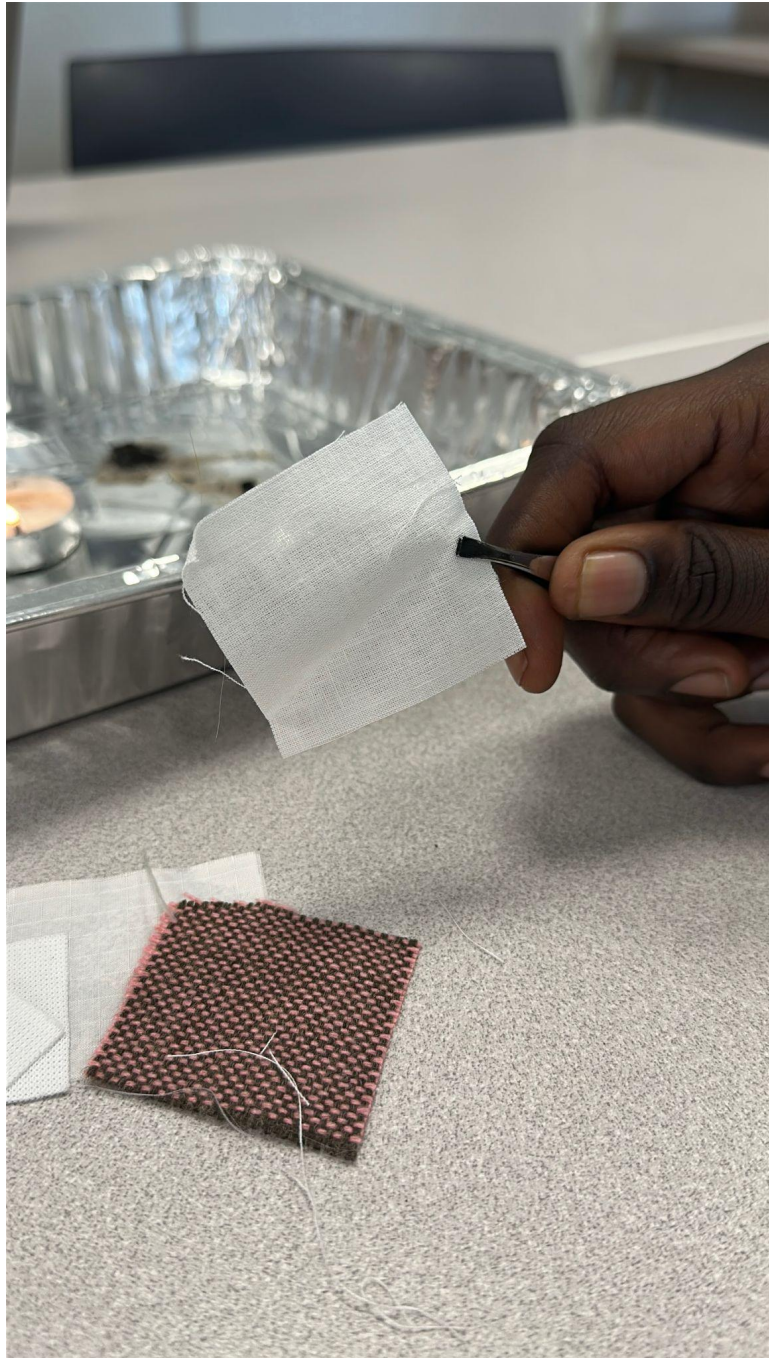
Burn Lab

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

Insert picture of fabric swatch



Behavior of the fabric as it approached the flame	nothing really happened. It wasn't synthetic.
Behavior of the fabric in flame	fast burn, darkened quickly
Behavior of the fabric when removed from flame	curled up
Describe odor (<i>don't smell until cool!!</i>)	paper products
Describe the ash	Blackened and shriveled

Picture of burning fabric OR the resulting ash



Which fiber content do you believe you tested?

Cotton

Fabric 2

Insert picture of fabric swatch



Behavior of the fabric as it approached the flame	nothing, shrinks away from flame
Behavior of the fabric in flame	melts
Behavior of the fabric when removed from flame	curls up a little.
Describe odor (<i>don't smell until cool!!</i>)	wax
Describe the ash	Hard, beaded, won't crush

Picture of burning fabric OR the resulting ash

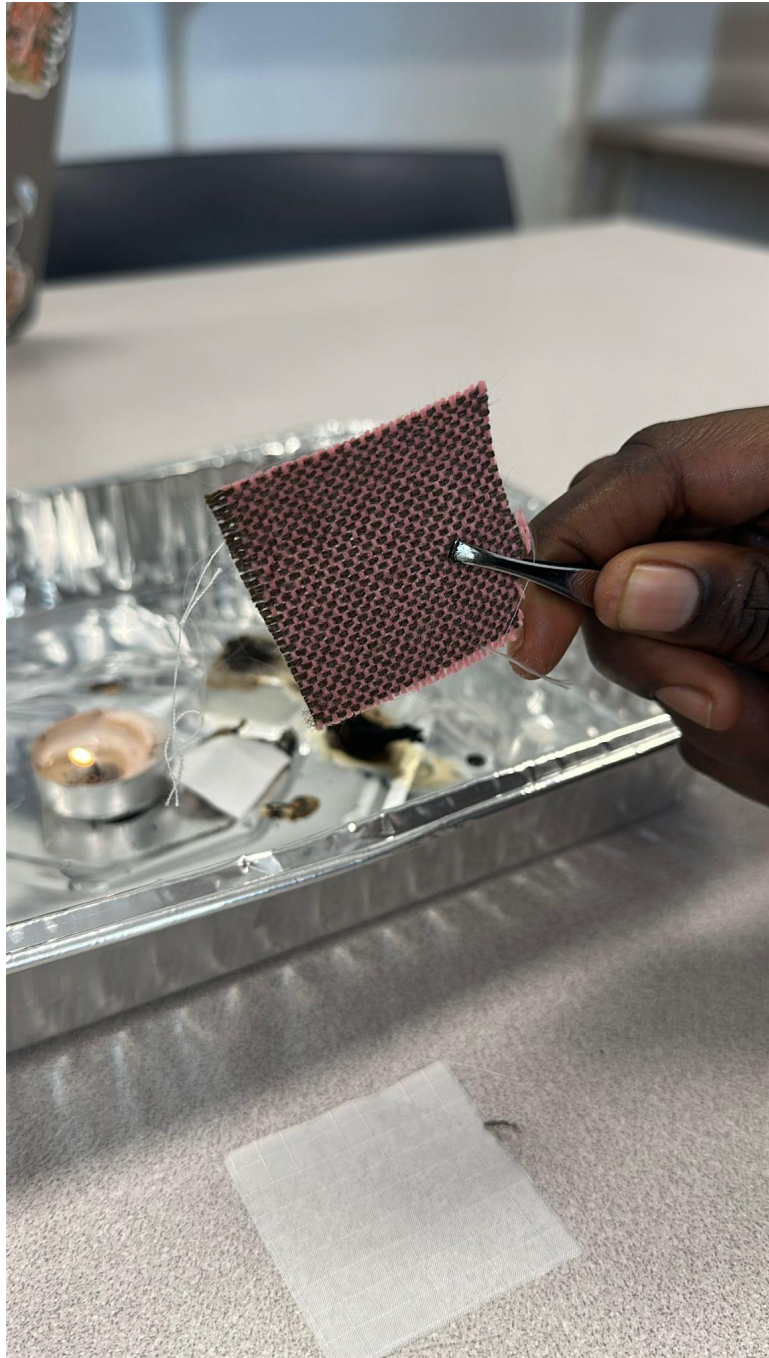


Which fiber content do you believe you tested?

Acrylic

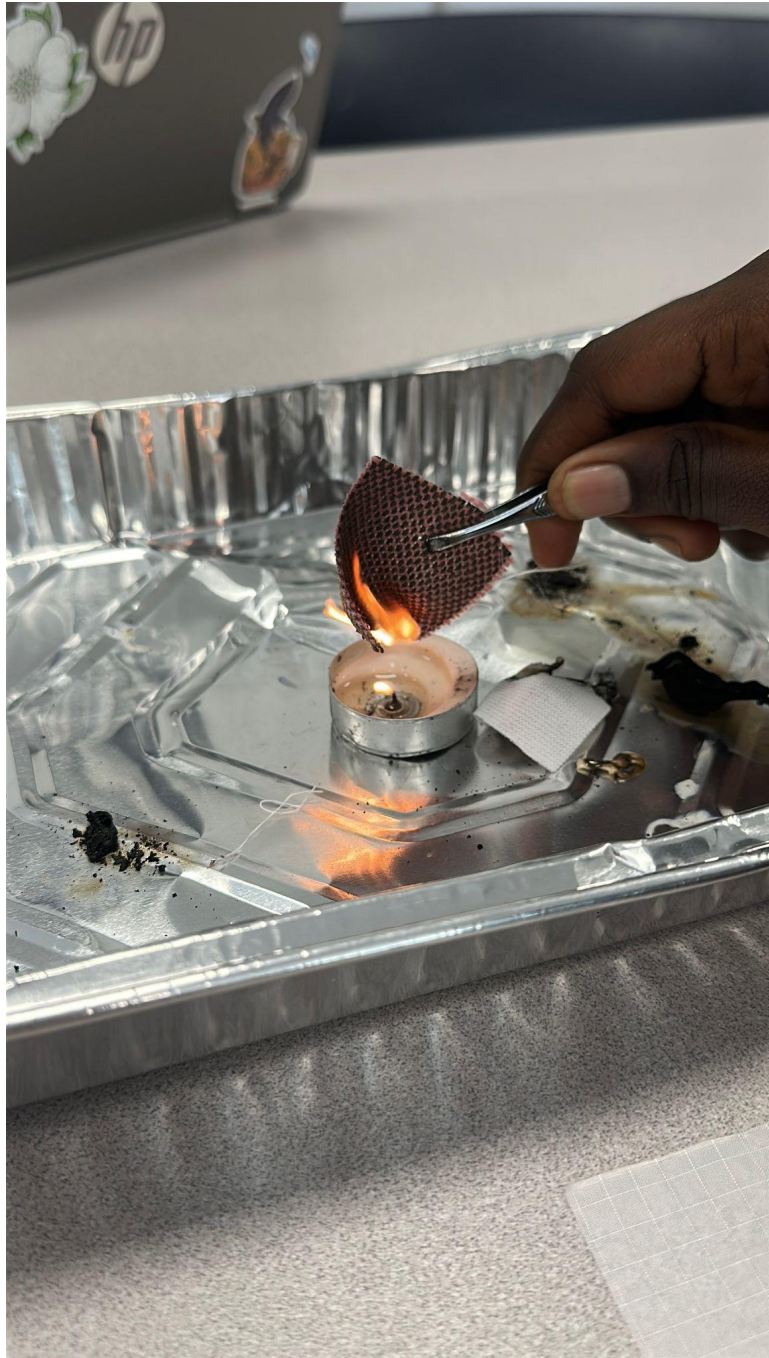
Fabric 3

Insert picture of fabric swatch



Behavior of the fabric as it approached the flame	nothing
Behavior of the fabric in flame	burnt really quickly
Behavior of the fabric when removed from flame	definitely burning, synthetic, kept burning
Describe odor (<i>don't smell until cool!!</i>)	burnt hair
Describe the ash	Crisp dark ash, easy to crush

Picture of burning fabric OR the resulting ash



Which fiber content do you believe you tested?

Wool

Fabric 4

Insert picture of fabric swatch



Behavior of the fabric as it approached the flame

nothing, but rejected the flame

Behavior of the fabric in flame

Melts and burns

Behavior of the fabric when removed from flame

sputtered out and stopped burning

Describe odor (*don't smell until cool!!*)

burnt rubber

Describe the ash

Round hard, won't crush

Picture of burning fabric OR the resulting ash



Which fiber content do you believe you tested?

Polyester