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Burn Lab

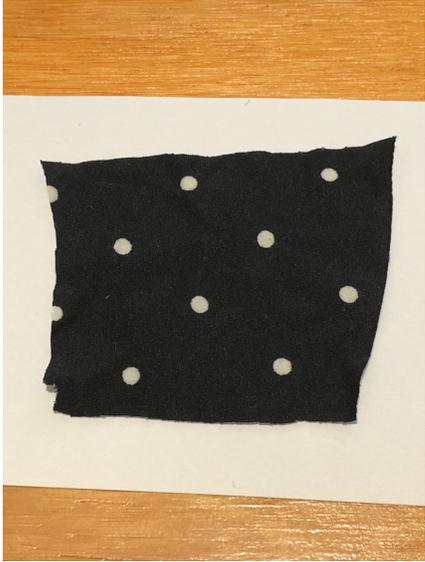
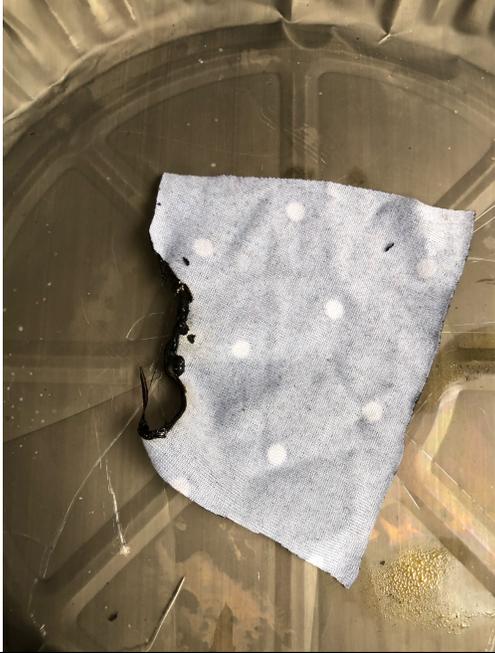
Use this worksheet to capture the results of your burn lab, including pictures. Refer to [The Burn Test](#) chart from *Threads* magazine to identify the fabric.

BE CAREFUL!

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| <p>Fabric 1 <i>Insert picture of fabric swatch</i></p> |  |
| 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 |  |

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| Which fiber content do you believe you tested? | <i>Cotton/Acetate blend</i> |
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| <p>Fabric 2</p> <p><i>Insert picture of fabric swatch</i></p> |  |
| 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> |

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

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| <p>Fabric 4 <i>Insert picture of fabric swatch</i></p> |  |
| <p>Behavior of the fabric as it approached the flame</p> | <p>Started curling and smoking</p> |
| <p>Behavior of the fabric in flame</p> | <p>Appeared to be melting, it curled and was smoking, took a while to catch fire</p> |
| <p>Behavior of the fabric when removed from flame</p> | <p>Continued to smoke, but stopped burning</p> |
| <p>Describe odor (<i>don't smell until cool!</i>)</p> | <p>This smelled absolutely horrible, it was definitely like burnt hair</p> |
| <p>Describe the ash</p> | <p>The bead was really crumbly and easy to crush</p> |
| <p>Picture of burning fabric OR the resulting ash</p> |  |
| <p>Which fiber content do you believe you tested?</p> | <p><i>Silk</i></p> |