

Great Balls of Fire!

<i>Fiber</i>	<i>Source of fiber</i>	<i>Product/uses</i>	<i>Easy or difficult to ignite?</i>	<i>Rate of burn (fast/slow)</i>	<i>Odor</i>	<i>Ashes</i>
<i>Wool</i>						
<i>Cotton</i>						
<i>Polyester</i>						
<i>Nylon</i>						
<i>Linen</i>						
<i>Acrylic</i>						
<i>Silk</i>						
<i>Other</i>						

Great Balls of Fire Questions

1. Why are we more likely to wear wool when it is cold and cotton when it is hot?
2. For which, if any, fabrics did the fire go out or stop spreading when the flame source was removed?
3. Which fabrics, if any, seemed to burst into flames?
4. Which fabrics, if any, seemed to melt and disappear or turn to ash?
5. Which of the natural fibers burned fastest in the test? Which of the synthetic fibers burned fastest?
6. Which fiber had the most notable odors?
7. Which fabric would be best suited for skiwear? For summer wear? For children's sleepwear?
8. What careers are associated with fiber/textile production and processing?