

World of Wonder

Educational Standards and Suggested Activities

Release week March 31, 2013: Textiles – Synthetic Fibers

Standards

- Current Events: Students will read about current industries/technologies
- Science: Students will research e-textiles
- Science: Students will observe how some synthetic materials were originally made in 1949

Activities

1. Use the News: The beginning of the 20th century introduced synthetic textiles to this world. Textiles became the second largest U.S. industry by 1948. As you read the current newspaper what industries appear important and in the news? Identify one or two modern industries and explain/write why they are currently reported.
2. What are “e-textiles?” How are they made? What are they made of? What are they used for? Research and report on this new technology.
3. What is the “malt-spinning” process for creating synthetic fibers? What does it look like? Take a look at this 1949 video to see the original process in action:
<http://www.youtube.com/watch?v=HplblsHJs8Y>

World of Wonder meets many state educational standards. This guide helps teachers identify standards and related activities generally intended for grade 6, but teachers can modify activities to the appropriate grade.