Unit 3: Textiles surround you.

Content Area: **Family and Consumer Sciences**
Course(s): **Contemporary Living**
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Enduring Understandings

The basic component of all fabrics are fibers

The characteristics of natural and manufactured fiber make certain fibers suitable for certain types of garments

When shopping for clothes, fabric content and what kind of care will be necessary to maintain a certain piece of clothing will be reflected in the price

The proper way to take care of clothes depends on the fiber content of the fabric, the way the fabric was made and any finishes that have been applied to the fabric

Essential Questions

How do consumers benefit from knowing the fabric content of a garment?

How does knowing the difference between a woven, non-woven, and knit fabric affect the garment's design?

Does knowing if a garment has a finish affect the cost

of the garment?

How is the total cost of a garment affected by the maintenance or care of the garment?

Why are consumers today more aware of textiles and garment construction that those of past years?

Content

Yarn

Fiber

Textile

Finish

Blend

Natural fiber

Manufactured fiber

Woven

Non-woven

Knit

Skills

Identify the characteristics of natural and manufactured fibers

Describe the construction of woven, non-woven and knit fabrics

Explain how added finishes affect t fabric appearance and performance

Evaluate the suitability of particular fabrics for clothing

Resources

Creative Living

Fibers & Fabrics video

Google search, slides, docs

Standards

16.2	Evaluate textiles, fashion, and apparel products and materials and their use in diverse settings.
16.2.1	Apply appropriate terminology for identifying, comparing, and analyzing the most common generic textile fibers and fabrics.
16.2.2	Evaluate performance characteristics of textile fiber and fabrics.
16.2.4	Analyze characteristics of textile components in the design, construction, care, use, maintenance, and disposal or recycling of products.
16.2.5	Demonstrate appropriate procedures for care and disposal or recycling of textile products, considering diverse needs locally and globally.
16.4	Demonstrate skills needed to produce, alter, or repair textiles, fashion, and apparel.
16.4.2	Explain production processes for creating fibers, yarns, woven and knit fabrics, and non-woven textile products.