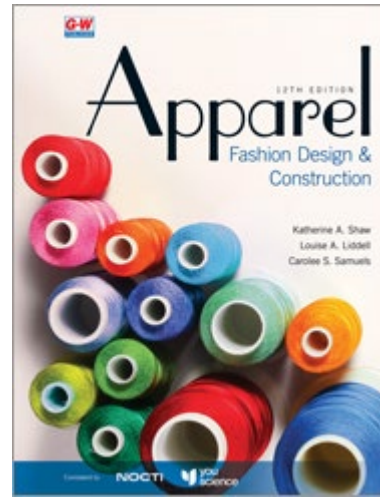




**Correlation of
Apparel: Fashion Design & Construction, Katherine Shaw, Louise Liddell, and Carolee Samuels
(Goodheart-Willcox Publisher ©2024)
to
FCS National Standards for Textiles, Fashion, and Apparel**

The following chart correlates *Apparel: Fashion Design & Construction* textbook to LEAD FCS Education’s National Standards for Textiles, Fashion, and Apparel. The correlation chart lists each of the competencies and skills tested in the assessment. Corresponding content from *Apparel: Fashion Design & Construction* that can be used by a student to help achieve the standards and competencies is listed in the right column.

Family and Consumer Sciences Education National Standards 3.0 (NASAFACS 2018–2028). Permission granted for use.



Standards / Competencies	Textbook Pages
Comprehensive Standard	
Integrate knowledge, skills, and practices required for careers in textiles and apparels.	
Content Standard 16.1	
Analyze career paths within textiles, fashion, and apparel industries.	
16.1.1 Explain the roles and functions of individuals engaged in textiles, fashion, and apparel careers.	17, 22, 36, 41 (Core Skills #4, (FCCLA Connections), 45-51, 55-57, 58 (Core Skills #4), 60-74, 79-80, 83-84, 89-90-93, 101-102, 104-110, 112-115, 125, 145, 161, 166, 173, 195, 207, 227, 245, 438-445, 460-461. 478-493
16.1.2 Analyze opportunities for employment and entrepreneurial endeavors.	60-74, 437 (Core Skills #3), 480-493
16.1.3 Summarize education and training requirements and opportunities for career paths in textiles, fashion, and apparel industries.	36, 41 (FCCLA Connections), 60-74, 125, 145, 161, 166, 173, 195, 207, 227, 245, 438-444, 460-461, 465-479, 481-493
16.1.4 Analyze the effects of textiles, fashion, and apparel industries on local, state, national, and global economies.	45-46, 51-59, 60-73, 74-75 76-88, 91-95, 342, 354-363, 364, 366-379, 407-410, 462-493

Standards / Competencies	Textbook Pages
16.1.5 Create an employment portfolio to communicate textiles, fashion, and apparel knowledge and skills.	19 (Core Skills #5), 115 (Core Skills #5), 125 (Career Clips), 129 (Core Skills #4), 145 (Core Skills #6), 161 (Core Skills #4), 173 (Core Skills #7), 291 (Core Skills #5), 311 (Core Skills #5), 333 (Core Skills #3), 395 (Core Skills #4), 422 (Core Skills #4), 437 (Core Skills #6), 444, 453, 461 (Core Skills #6, FCCLA Connections)
16.1.6 Analyze the role of professional organizations in textiles, fashion, and apparel industries.	112-113, 360, 465-466
<p>Content Standard 16.2</p> <p>Evaluate textiles, fashion, and apparel products and materials and their use in diverse settings.</p>	
16.2.1 Apply appropriate terminology for identifying, comparing, and analyzing the most common generic textile fibers and fabrics.	162-173, 178 (STEAM Connections), 355-357, 376
16.2.2 Evaluate performance characteristics of textile fiber and fabrics.	7, 150-158, 160-161, 172-195, 201-204, 206-207
16.2.3 Analyze textile legislation, standards, and labeling in the global economy.	22, 43-46, 52-57, 58 (Review the Facts #3), 61-86, 87-89, 94-95, 151-158, 164-171, 352-360 (376 Review the Facts #4, #10)
16.2.4 Analyze characteristics of textile components in the design, construction, care, use, maintenance, and disposal or recycling of products.	85-87, 27-39, 150-158, 159-160, 164-173, 176-195, 204, 206-207, 211-227, 241-243, 244 (Think Critically #3, Apparel Applications #1, #4, #5, #6, #7), 246-261, 262-291, 292-311, 312-333, 335, 348-349, 352-359, 397-437
16.2.5 Demonstrate appropriate procedures for care and disposal or recycling of textile products, considering diverse needs locally and globally.	64, 92, 93, 111, 148-173, 354-363, 364, 366-379, 397-423, 434
16.2.6 Evaluate fibers and fabrics for sustainability factors.	64, 86-88, 97 (Eco-Fashion Activity), 111 (Eco-Fashion Activity), 147 (Eco-Fashion Activity), 152-155, 161 (FCCLA Connections), 204 (Eco-Fashion)
16.2.7 Evaluate quality of textiles, fashion, and apparel construction and fit.	148-195, 206-207, 210-227, 234, 238, 291 (Core Skills #4), 319, 345-348, 350 (Review the Facts #10), 351 (Apparel Applications #6, #7, #9), 354-364, 366-379
<p>Content Standard 16.3</p> <p>Demonstrate textiles, fashion, and apparel design skills.</p>	
16.3.1 Explain the ways in which fiber, fabric, texture, pattern, and finish can affect visual appearance.	27-39, 40, 111-145, 150-158, 161 (Core Skills #2), 165-171, 172 (Apparel Applications #2, #3), 173 (Core Skills #2, #7, #8; FCCLA Connections), 174-207, 210-227
16.3.2 Apply basic and complex color schemes and color theory to develop and enhance visual effects.	123-127, 128 (Review the Facts #6, #7; Apparel Applications #1, 2; Core Skills #1, #4, #5), 130-145
16.3.3 Utilize elements and principles of design in designing, constructing, and/or altering textiles, fashion, and apparel.	27-39, 116-129, 139-145, 222-225, 291 (Core Skills #3), 429-431

Standards / Competencies	Textbook Pages
16.3.4 Demonstrate design concepts using fiber, fabric or digital means, employing draping and/or flat pattern making techniques.	27-39, 107-108, 115 (Core Skills #6), 127, 142, 326
16.3.5 Generate design that demonstrates consideration for ecological, environmental, ethnic, sociological, psychological, technical, and economic trends and issues.	4-17, 18 (Review the Facts #2, #3, #4, #9; Core Skills #1, #4), 27-39, 44-46, 57, 58 (Review the Facts #1; Apparel Applications #2), 59 (Apparel Applications #3, #5, #6; Core Skills #2; FCCLA Connections), 62-69, 70 (Think Critically #2, #3; Core Skills #2, #3, 85-88, 95 (Apparel Applications #3), 97, 104-107, 111, 114 (Review the Facts #6, #9, #10), 115 (#2, #4; Core Skills #4; FCCLA Connections), 118-129, 343-349, 390-393, 395 (Core Skills #5)
16.3.6 Apply elements and principles of design to assist consumers and businesses in making decisions.	27-39, 63-64, 66-68, 72, 75 (Core Skills #3), 89, 107, 116-129, 130-145, 291 (#3), 180-181, 183, 217, 345-349, 392-393, 394 (Think Critically #5; Core Skills #5), 429-431, 434, 436 (Think Critically #4, Apparel Applications #2; Core Skills #1), 443-444, 486-487, 493 (Apparel Applications #5, FCCLA Connections)
16.3.7 Demonstrate ability to use technology for fashion, apparel, and textile design.	15, 46, 58 (Review the Facts #4), 65-71, 74 (Think Critically #2), 75 (Core Skills #3), 78, 89-93, 107-108, 112-113, 127, 128 (Think Critically #4), 129 (Core Skills #2, 145 (Core Skills #4), 174-195, 422 (Core Skills #4)
16.3.8 Evaluate the impact of history of design and designers, arts and culture, trend setters, and global influences on textiles, fashion, and apparel.	5-10, 12-17, 18 (Review the Facts #10; Apparel Applications #1, #2, #3; Core Skills #1), 20-41, 42-59, 92-93, 100-102, 103-115, 125, 138, 342, 350 (Think Critically #3)
<p>Content Standard 16.4</p> <p>Demonstrate skills needed to produce, alter, or repair textiles, fashion, and apparel.</p>	
16.4.1 Demonstrate professional skills in using traditional and technologically innovative equipment, tools, and supplies in textiles, fashion, and apparel construction, alteration, repair, and recycling.	15, 46, 58 (Review the Facts #4), 65-71, 74 (Think Critically #2), 75 (Core Skills #3), 78, 89-93, 107-108, 112-113, 127, 128 (Think Critically #4), 129 (Core Skills #2), 145 (Core Skills #4) 174-195, 211-227, 241-243, 244 (Think Critically #3; Apparel Applications #1, #4, #5, #6, #7), 246-261, 262-333, 335 (Eco-Fashion Activity), 423-437, 422 (Core Skills #4)
16.4.2 Explain production processes for creating fibers, yarns, woven and knit fabrics, and non-woven textile products.	60-73, 148-158, 160 (Review the Facts #1, #4, #7, #8, #9; Think Critically #6), 162-172, 174-195, 196-207
16.4.3 Use appropriate industry products and materials for cleaning, pressing, and finishing textiles, fashion, and apparel.	196-207, 210-227, 228-333, 354-355, 357, 362, 397-423
16.4.4 Analyze current technology, trends, and innovations that facilitate design and production of textiles, fashion, and apparel.	15, 40 (Review the Facts #2, #3; Think Critically #1, #5; Apparel Applications #1), 46, 57, 58 (Review the Facts #4), 62-71, 74 (Core Skills #3, #8; Think Critically #2),

Standards / Competencies	Textbook Pages
	78-83, 89-93, 105, 107-108, 112-113, 127, 128 (Think Critically #4), 129 (Core Skills #2), 138, 145 (Core Skills #4), 148-195, 196-207, 209, 226 (Think Critically #3), 363, 422 (Core Skills #4), 437 (Core Skills #1)
16.4.5 Demonstrate basic skills for production, alteration, repair and recycling of textiles, fashion, and apparel.	116-129, 210-227, 262-291, 292-311, 312-333, 336-351, 424-437
Content Standard 16.5 Evaluate elements of textiles, fashion, and apparel merchandising.	
16.5.1 Apply marketing strategies for textiles, fashion, and apparel in the global marketplace.	To address more of the concepts covered by this competency, see the G-W text, <i>Fashion Marketing & Merchandising</i> 17, 41, 59 (Core Skills #4, 65-71, 74 (Apparel Applications #3), 82-83, 207 (Core Skills #4), 350 (Think Critically #4), 356, 369-373, 377 (Think Critically #7), 378 (Apparel Applications #7, #8, #9; Core Skills #9), 486-487, 491
16.5.2 Analyze the cost of constructing, manufacturing, distributing, altering, repairing or recycling textiles, fashion, and apparel.	78-82, 88-93, 94 (Review the Facts #2 #3, #4, #5, #13; Think Critically #2, #5), 95 (Core Skills #1, #4), 103-104, 148-173, 344-345, 354-355, 371-373, 482-483, 485-491, 492 (Review the Facts #5, #6, #11, #12; Core Skills #5, #6, #7; Apparel Applications #5, #6)
16.5.3 Analyze ethical considerations for merchandising textiles, fashion, and apparel.	80, 84-89, 94 (Think Critically #2, #5), 351 (Core Skills #5), 372-373, 473, 478 (Review the Facts #13), 479 (Think Critically #7)
16.5.4 Analyze external factors that influence merchandising.	See the G-W title <i>Fashion Marketing & Merchandising</i> ; 65-66, 70-73, 74 (Review the Facts #1, #7, #8; Core Skills #6), 88-89, 104, 486-491
16.5.5 Critique a variety of methods for promoting textiles, fashion and apparel to diverse populations.	16-17, 18 (Review the Facts #10; Apparel Applications #3), 62, 65-67, 69-73, 74 (Review the Facts #1, #5, #6, #7; Apparel Applications #3), 92-93, 94 (Review the Facts #14; Apparel Applications #4), 103-104, 112-113, 114 (Review the Facts #4), 342, 344, 354-355, 376 (Review the Facts #1), 371- 373, 377 (Core Skills #18, 20, 21; Think Critically #2, #7, #8; Apparel Applications #1, #2, #8, #9; Core Skills #9, #11, #12), 422 (Core skills #5), 486-491, 493 (Core Skills #2, #6)
Content Standard 16.6 Evaluate the components of customer service.	
16.6.1 Analyze factors that contribute to quality customer relations.	See the G-W title <i>Fashion Marketing & Merchandising</i> ; 41 (FCCLA Connections), 71, 44-46, 94-95, 363-364 464, 466, 469-479
16.6.2 Analyze the influences of cultural expectations as a factor in customer relations.	See the G-W title <i>Fashion Marketing & Merchandising</i> ; 9-12, 15, 19, 44-46, 93-96, 469-472, 478 (Review the Facts #2, #5, #6, #14; Think Critically #5, #6)

Standards / Competencies	Textbook Pages
16.6.3 Demonstrate the skills necessary for quality customer service.	See the G-W title <i>Fashion Marketing & Merchandising</i> ; 41 (FCCLA Connections), 71, 133-134, 146-149, 274 (Professional Tip), 285-286, 363-364, 469-479
16.6.4 Create solutions to address customer concerns.	See the G-W title <i>Fashion Marketing & Merchandising</i> ; 39-43, 71, 73, 209, 227 (Core Skills #3, #4), 261 (Core Skills #5, 275-276, 363-364, 371, 469-479
<p>Content Standard 16.7</p> <p>Demonstrate professional operational practices required for business profitability and career success.</p>	
16.7.1 Analyze legislation, regulations, and public policy affecting the textiles, apparel, and fashion industries.	5-12, 13-16, 22, 43-46, 52-57, 58 (Review the Facts #3), 61-86, 87-89, 94-95, 151-158, 164-171, 242-243, 245 (Apparel Applications #5), 328, 352-364, 366-379, 390-391, 419, 421 (Think Critically #4), 423 (Core Skills #10), 474-476, 479 (Apparel Applications #1D)
16.7.2 Analyze personal and employer responsibilities and liabilities regarding industry-related safety, security, sustainability, and environmental factors.	5-12, 13-16, 79, 83-88, 94 (Review the Facts #8, 242-243, 245 (Apparel Applications #5), 328, 354-363, 364, 366-379, 390-391, 419, 421 (Think Critically #4), 423 (Core Skills #10), 474-476, 479 (Apparel Applications #1D)
16.7.3 Analyze the effects of operational procedures such as security and inventory control strategies, cash and credit transaction methods and worksite policies on loss prevention and store profit.	80, 84-89, 94 (Think Critically #2, #5), 351 (Core Skills #5), 372-375, 376 (Review the Facts #21, #22, #23; Think Critically #6), 473, 478 (Review the Facts #13), 479 (Think Critically)
16.7.4 Demonstrate procedures for reporting and handling accidents, safety, and security incidents.	79, 83-85, 94 (Review the Facts #8), 242-243, 245 (Apparel Applications #5), 328, 360, 419, 421 (Think Critically #4), 423 (Core Skills #10), 474-476, 479 (Apparel Applications #1D)
16.7.5 Analyze wholesale and retail operational processes and other factors affecting profit.	45, 65-67, 69-73, 74 (Review the Facts #6, #7, #8; Think Critically #4; Apparel Applications #3), 78-83, 88-89, 91-93, 94 (Review the Facts #3), 102-104, 348, 363, 366-371, 482-483, 485-491, 492 (Review the Facts #5, #6, #11, #12; Core Skills #5, #6, #7)
16.7.6 Demonstrate knowledge of the impact of external factors upon the textile, apparel, and fashion industries.	5-12, 13-16, 22, 43-46, 52-57, 58 (Review the Facts #3), 60-86, 87-89, 93, 94-95, 111, 151-158, 164-171, 203, 352-379, 403, 409, 413, 420 (Review the Facts #11), 421 (Think Critically #9), 422 (Apparel Applications #12, #13)