

## Textile and Apparel Design– Grade Levels 10-12 TEKS Manager

**Credit: (1/2)**

Place a check (✓) in each column to show TEKS taught.

	TEKS	1 <sup>st</sup> 6 wks	2 <sup>nd</sup> 6 wks	3 <sup>rd</sup> 6 wks
(b) Introduction. The textile and apparel industries <b>encompass</b> the production, marketing, and consumption of textile and apparel products. Individuals use knowledge and skills to function effectively as consumers and in careers related to the textile and apparel industries.				
(c) Knowledge and skills.				
(1) The textile and apparel industries. The student <b>utilizes</b> knowledge of textile and apparel manufacturing systems. The student is expected to:	(A) <b>summarize</b> all aspects of the textile and apparel industries;			
	(B) <b>identify</b> the processes for apparel product completion;			
	(C) <b>compare</b> the organizational structures common in textile and apparel manufacturing;			
	(D) <b>describe</b> mass production techniques;			
	(E) <b>describe</b> industry standards for quality control;			
	(F) <b>determine</b> ethical practices within the textile and apparel industries; and			
	(G) <b>describe</b> factors that contribute to a safe working environment.			
(2) The textile and apparel industries. The student <b>evaluates</b> textile and apparel product marketing techniques. The student is expected to:	(A) <b>determine</b> viable markets for textile and apparel products;			
	(B) <b>describe</b> textile and apparel product marketing strategies and how they affect the consumer;			
	(C) <b>determine</b> the impact of technology on marketing textile and apparel products; and			
	(D) <b>describe</b> cultural and societal influences on the promotion of textile and apparel products.			
(3) Textile design and production. The student <b>applies</b> knowledge of fibers, fabrics, and design when evaluating textile products. The student is expected to:	(A) <b>classify</b> properties of fabrics;			
	(B) <b>assess</b> the elements and principles of design utilized in textile products;			
	(C) <b>analyze</b> characteristics of natural and manufactured fibers;			
	(D) <b>describe</b> methods of textile fabrication; and			
	(E) <b>assess</b> the effects of various environmental conditions on textiles.			
(4) Textile design and production. The student <b>evaluates</b> manufacturing processes utilized in textile production. The student is expected to:	(A) <b>compare</b> processes for dyeing, printing, and finishing used in the textile industry;			
	(B) <b>explain</b> how finishes affect the characteristics of fabrics;			
	(C) <b>determine</b> textile suitability for specific applications and uses; and			
	(D) <b>recommend</b> care procedures for various textile products.			

	<b>TEKS</b>	<b>1<sup>st</sup> 6 wks</b>	<b>2<sup>nd</sup> 6 wks</b>	<b>3<sup>rd</sup> 6 wks</b>
(5) Textile design and production. The student <b>analyzes</b> influences on textile design and production. The student is expected to:	(A) <b>summarize</b> the history of textile design and production;			
	(B) <b>analyze</b> the impact of technology on fiber production and textile design and manufacturing;			
	(C) <b>summarize</b> legislation affecting the import, export, and safe production of textile products;			
	(D) <b>analyze</b> international factors affecting the textile industry;			
	(E) <b>explain</b> demographic, societal, and cultural influences on the textile industry;			
	(F) <b>determine</b> the impact of design decisions on the cost of textile products; and			
	(G) <b>determine</b> the many applications of textile products beyond those related to the consumer apparel industry.			
(6) Apparel design practices and influences. The student <b>creates</b> apparel products utilizing principles of effective design. The student is expected to:	(A) <b>apply</b> design elements and principles in creating apparel products;			
	(B) <b>use</b> design elements and principles to design products for individuals with special needs;			
	(C) <b>determine</b> factors impacting the selection of textiles for apparel creation;			
	(D) <b>utilize</b> draping and flat pattern methods for fitting a garment; and			
	(E) <b>determine</b> technology applications useful in the apparel design process.			
(7) Apparel design practices and influences. The student <b>determines</b> design influences on the apparel industry. The student is expected to:	(A) <b>summarize</b> the history of apparel design;			
	(B) <b>identify</b> federal regulations affecting the apparel industry;			
	(C) <b>explain</b> the role of leading designers in determining fashion trends;			
	(D) <b>analyze</b> international factors affecting the apparel industry;			
	(E) <b>analyze</b> demographic, societal, and cultural factors affecting the apparel industry;			
	(F) <b>determine</b> the impact of technology on the apparel industry; and			
	(G) <b>determine</b> the impact of design decisions on the cost of apparel products.			

	TEKS	1 <sup>st</sup> 6 wks	2 <sup>nd</sup> 6 wks	3 <sup>rd</sup> 6 wks
(8) Career preparation. The student <b>makes</b> informed career decisions that reflect personal, family, and career goals. The student is expected to:	(A) <b>describe</b> management practices facilitating individuals assuming multiple family, community, and wage-earner roles;			
	(B) <b>determine</b> employment and entrepreneurial opportunities and preparation requirements in the textile and apparel industries;			
	(C) <b>demonstrate</b> skills, characteristics, and responsibilities of leaders and effective team members;			
	(D) <b>demonstrate</b> effective verbal, nonverbal, written, and electronic communication skills;			
	(E) <b>demonstrate</b> effective techniques to secure, maintain, and terminate employment;			
	(F) <b>practice</b> positive human-relations skills; and			
	(G) <b>evaluate</b> the effect of careers in the textile and apparel industries on family life.			
(9) Career preparation. The student <b>completes</b> a supervised career-connections experience applying knowledge and skills developed in the study of textiles and apparel. The student is expected to:	(A) <b>determine</b> home and business applications of knowledge and skills developed in the study of textiles and apparel; and			
	(B) <b>utilize</b> a career-connections experience to demonstrate occupational applications of competencies developed in the study of textiles and apparel.			