

Textiles & Apparel 1

Grades 9-12

Credit Unit: One Semester (Elective)

Prerequisites: None

Course Description:

Textiles and Apparel 1 introduces students to clothing, fashion, and basic clothing construction concepts and techniques. Students learn basic sewing skills and apply the skills to apparel and home interiors. Basic use of a sewing machine, serger, basic hand sewing techniques, pattern selection, pattern layout, and measuring skills are integral parts of the course. Use of technology and software applications aid students in determining measurements, fabric requirements, and design elements.

Topics:

- Characteristics and types of natural fabrics
- Patterns, fabric and notions
- Sewing machines, sergers, and other sewing equipment
- Getting ready to sew
- Basic sewing construction
- Applying technology to clothing construction
- Career exploration

NOTE: Throughout this document, learning target types are identified as knowledge (“K”), reasoning (“R”), skill (“S”), or product (“P”).

STANDARD 1: Students experience various career opportunities and assess personal career pathways.

Benchmark 1:

Explore and identify personal interests, aptitudes, and abilities and develop strategies to achieve tentative career goals.

Learning Targets (Type):

1. I can use Montana Career Information Systems (MCIS) and/or other systems or web resources to investigate and evaluate my personal interests, aptitudes and abilities. (K)
2. I can formulate tentative career goals. (K)
3. I can evaluate approaches for meeting my goals. (R)
4. I can analyze career paths within the textiles and apparel design industry. (K)
5. I can evaluate roles and responsibilities of individuals engaged in textiles and apparel careers. (K)
6. I can analyze opportunities for employment and entrepreneurial endeavors. (K,R)
7. I can demonstrate skills needed to produce, alter, or repair textiles products and apparel. (S,P)
8. I can evaluate the elements of textiles and apparel merchandising. (K,R)
9. I can differentiate the skills for career success. (K,R)

Benchmark 2:

Utilize local resources to research career plans.

Learning Targets (Type):

1. I can identify local resources to develop career plans. (K)
2. I can contact my school career counselor or teacher to pursue career pathways. (S)

Benchmark 3:

Recognize the interrelationships of family, community, career, and leisure roles.

Learning Targets (Type):

1. I can describe the importance of balance between family and community in regards to career and leisure activities. (K,S)
2. I can compare and contrast the needs of career and leisure activities and how they relate to and/or affect family and community. (K,S)

STANDARD 2: Students demonstrate an understanding and apply principles of Resource Management (i.e. financial, time, personal management).**Benchmark 1:**

Prepare a budget and keep financial records.

Learning Targets (Type):

1. I can research and report cost of materials and time. (K)
2. I can document financial inputs and outputs. (K,S)
3. I can identify the necessity to maintain accurate financial records. (K)
4. I can stay within a fixed budget. (K,S)

Benchmark 2:

Prioritize, allocate time, prepare and follow schedules to complete a project.

Learning Targets (Type):

1. I can estimate the required time to complete a project. (K)
2. I can prioritize resources, equipment and tasks. (K)
3. I can reflect upon completion. (K)

Benchmark 3:

Apply appropriate time to task.

Learning Targets (Type):

1. I can implement a time schedule for task completion. (K)

Benchmark 4:

Use physical resources wisely to accomplish a goal.

Learning Targets (Type):

1. I can identify the resources necessary to accomplish the task. (K,S)
2. I can maintain the tools of the trade. (S)
3. I can maximize the use of my resources. (K,S)

STANDARD 3: Students acquire and utilize personal and leadership skills to become successful, productive citizens.**Benchmark 1:**

Demonstrate active leadership skills by participation in group activities and projects.

Learning Targets (Type):

1. I can investigate various leadership styles. (K)
2. I can apply leadership styles in group activities and projects. (K,S)

Benchmark 2:

Demonstrate positive personal and work ethics.

Learning Targets (Type):

1. I can show up for class and work on time. (*K*)
2. I can develop personal and work related goals. (*K*)
3. I can describe ethical behavior in the workplace. (*K*)
4. I can demonstrate proper etiquette and courtesy. (*S*)
5. I can demonstrate tasks related to effective personal management skills (time management, work ethics. (*S*))

Benchmark 3:

Demonstrate skills to be a productive citizen.

Learning Targets (Type):

1. I can develop professional relationships with community members. (*S*)
2. I can contribute to my community in a positive manner. (*S*)

Benchmark 4:

Apply self-esteem building practices.

Learning Targets (Type):

1. I can define and provide evidence of my strengths in my career interest areas. (*K,S*)
2. I can persevere through set backs and stay focused on my goals. (*S*)

Benchmark 5:

Demonstrate appreciation for diverse perspective needs and characteristics.

Learning Targets (Type):

1. I can develop a working relationship with diverse populations. (*S*)
2. I can demonstrate communication skills that contribute to positive relationships. (*K,S*)
3. I can work to understand diverse points of view. (*K,S*)
4. I can model an understanding of one's personal values. (*K,R*)

Benchmark 6:

Practice several methods of effective communication.

Learning Targets (Type):

1. I can demonstrate good listening skills. (*K,S*)
2. I can effectively communicate verbally through collaborative projects. (*K*)
3. I can develop quality written professional communications. (*P*)
4. I can demonstrate effective people skills and communication skills. (*S*)

STANDARD 4: Students acquire and demonstrate current technical skills leading to an occupation.

Benchmark 1:

Practice technical skills and procedures required for an occupation.

Learning Targets (Type):

1. I can identify manmade and natural textile fibers. (*K*)
2. I can compare manmade and natural textile fibers. (*K*)
3. I can analyze the most common manmade and natural textile fibers. (*K*)
4. I can identify textile characteristics on design, construction, care, use and maintenance of products. (*K,R,S*)
5. I can demonstrate basic skills for producing and altering textile products and apparel. (*S, P*).
6. I can follow layout and cutting directions for a pattern. (*K,R,S*)

7. I can relate the history of clothing to the current fashion trends. (K)
8. I can utilize elements and principles of design in designing, altering, and production of classroom projects. (K,S)
9. I can apply color theory and color schemes to projects. (P)
10. I can understand the connections between accessories, hair, and make-up in the fashion industry. (K,S)
11. I can classify designers to their areas of expertise. (K,S)

Benchmark 2:

Practice safe and appropriate use of technology.

Learning Targets (Type):

1. I can use a regular sewing machine and serger sewing machine safely. (K)
2. I can use an embroidery sewing machine effectively and use the technology appropriately. (K)

Benchmark 3:

Select the appropriate tools, equipment, and procedures for the task.

Learning Targets (Type):

1. I can differentiate performance characteristics of textile fiber and fabrics. (K,S)
2. I can use a variety of equipment, tools, and supplies for apparel and textile construction, alteration and repair. (S,P)
3. I can explain the production processes for creating fibers, yarns, woven, and knit fabrics, and non-woven textiles products. (K,R)
4. I can use appropriately industry tools for cutting, pressing and finishing textile, apparel and fashion products. (S,P)
5. I can analyze current technology and trends that facilitate design and production of textile, apparel and fashion products. (K, R)
6. I can use a basic sewing machine. (S)
7. I can use a serger sewing machine. (S)
8. I can determine a correct size and style for pattern purchase. (K)
9. I can evaluate fibers and textiles for use, care, and maintenance. (S)
10. I can evaluate elements and textiles in apparel manufacturing. (K,S)

Benchmark 4:

Manage and maintain technological tools and follow troubleshooting protocol.

Learning Targets (Type):

1. I can utilize embroidery software correctly and troubleshoot simple problems. (K)
2. I can troubleshoot simple problems with a sewing machine and serger sewing machine. (S)

Benchmark 5:

Apply technical information to a variety of sources.

Learning Targets (Type):

1. I can analyze directions for sewing. (K)
2. I can access internet sites applicable to class curriculum. (S)
3. I can demonstrate an understanding of the marketing techniques that apply to the garment industry. (K,S)

STANDARD 5: Students know and demonstrate the requirements of the workplace through authentic application.

Benchmark 1:

Practice and demonstrate academic and technical skills to a workplace setting.

Learning Targets (Type):

1. I can practice, and demonstrate my technical workplace skills in my school lab. (S)
2. I can research, write and present on the technical content utilizing academic skills found in workplace settings. (K,S)

Benchmark 2:

Apply the concepts of entrepreneurship.

Learning Targets (Type):

1. I can explain the concepts of entrepreneurship. (K,S)
2. I can demonstrate the concepts of entrepreneurship through a unique project. (K,S,P)
3. I can present my unique project to an authentic audience. (S,P)

Benchmark 3:

Identify possible outcomes and consequences of decisions.

Learning Targets (Type):

1. I can identify possible consequences of carelessness and horseplay. (K,S)
2. I can explain potential outcomes of not following directions, (i.e. safety, guidelines, rubrics). (K,S)

Benchmark 4:

Use acceptable industry standard equipment in a school setting.

Learning Targets (Type):

1. I can successfully use acceptable industry standard equipment to produce an authentic product within budget constraints. (K,S)