



## SCHOOL DISTRICT OF THE CHATHAMS CURRICULUM PROFILE

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**CONTENT AREA(S): Family & Consumer Science**

**COURSE/GRADE LEVEL(S): Textile Design and Production, grade 8**

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### **I. Course Overview**

Students will learn the basic steps in using a sewing machine including the parts to the machine, safety and correct usage of the machine and the different stitches on the machine. Students will design, graph and construct a pillow of their choice using basic sewing skills. The second project will be to design and create a Super Hero Cape that will be donated to local hospitals, school and camps to launch the children to “Super Hero Status!!” The last project will involve clothing care and maintenance

### **II. Standards**

- 9.2.8 A. Critical Thinking
- 9.2.8 B. Self-Management
- 9.2.8 C. Interpersonal Communication
- 9.2.8 D. Character Development and Ethics
- 9.2.8 E. Consumer and Personal Finance Skills
- 9.2.8 F. Safety

### **III. Learning Objectives**

- Students will learn the appropriate names and uses of the major parts of the sewing machine.
- Teacher will review all safety requirements with the use of the sewing machine.
- Students will learn the correct method to thread a machine
- Students will learn how to correctly sew a straight line, square and circle.
- Students will learn how to sew a correctly sew a seam and iron it.
- Students will learn how to zig zag.
- Students will learn the steps in making a pillow.
- Students will learn how to correctly hand stitch a pillow closed.
- Students will design a picture of the pillow that they would like to create.
- Students will explain the basic color theories.
- Students will follow the correct steps from the Sewing Checklist to to sew their pillow.
- Students will select fabric and trace templates on the wrong side of the fabric
- Students will cut out all pieces to their pillow and lay it out like a puzzle.
- Students will trace ¼ inch seams.
- Students will correctly sew and iron their seams.
- Students will learn how to cut and sew a border onto their pillow.
- Students will correctly quilt their pillow
- Students will learn how to correctly hand stitch a pillow closed.
- Students will evaluate and critique their pillow using the rubric and question sheet.
- Students will design and sketch a theme for their Super Hero Cape onto the template.
- Students will pick fabrics for their design.

- Using the Super Hero Cape pattern the students will correctly lay out their cape on their chosen fabric using the pattern symbols.
- Using a fabric pencil the students will mark their pattern/fabric following the symbols.
- Students will cut out their cape.
- Students will create the design for their cape using scraps, fabric markers and embellishments.
- Students will sew on the design to the front of their cape.
- Students will iron as necessary.
- Students will cut out a back to the cape and sew right sides together.
- Students will attach the Velcro and using the invisible stitch close the opening.
- Students will evaluate their Super hero cape using the rubric.
- Students will write a letter to their “hero” to attach to their cape.
- Students will explain the care of a wide variety of fabrics, including washing and drying, dry cleaning, spot removal, ironing and repairing.
- Students will be able to align and sew on a button.

#### **IV. Essential Questions** (The open-ended, provocative questions that help frame inquiry)

- Why is it important to know the correct names to the parts of a sewing machine?
- What are the safety rules in using a sewing machine? Why are they important?
- What are the correct steps in threading a machine?
- What steps must one remember when sewing a seam?
- What steps must one use when sewing a pillow?
- Why is hand stitching used?
- Why is graphing a design an important step prior to starting your project?

#### **V. Key Performance and Benchmark Tasks**

- Sewing Skills Assessment and Rubric
- Pillow project Rubric and Assessment
- Super Hero Cape Rubric and Assessment
- Clothing Care and Maintenance

#### **I. Units of Study**

- Sewing Skills
- Pillow Design and Construction
- Super Hero Cape Design and Construction
- Clothing care and maintenance

#### **VII. Instructional Materials**

- Diagram of sewing machine
- Diagram of how to thread a machine
- Sewing Skills Assignment Sheet
- Sewing Skills Rubric
- Pillow Project Sewing Checklist
- Graph paper and colored pencils
- Fabric and sewing supplies
- Pillow Project Rubric and Questions
- Super Hero cape pattern

