



## Refine Design

### Skills Checklist Supplemental Information

Below includes list of possible tools, skills, fabrics and ideas to complete the skills checklist for Level 3 – Refine Design.

#### Sewing Tools, Machines or Pieces of Equipment:

- Rotary cutter & mat
- Pattern weights
- Specialized rulers
- Pressing cloth
- Pressing ham
- Press mitt
- Point press
- Clapper/pounding block
- Seam roll
- Sleeve board
- Blind Hem machine
- Embroidery machine
- Steamer
- Quilting machine
- Point turner

#### Presser Feet for a Sewing Machine:

- Straight stitch foot
- Satin stitch foot
- Roller foot
- Pin tucking foot
- Ruffler
- Quilting foot

#### Seam Construction Skills:

- Flat felled
- French
- Stretch stitch
- Double stitched
- Lapped
- Top-stitched
- Lapped zipper
- Snaps/snap tape
- Eyelets
- Toggles & frogs
- Nylon hook & loop tape

- Use a leather needle
- Use seam sealant
- Use transparent/nylon thread
- Corded zipper
- Exposed zipper
- Separating zipper

#### Outdoor Apparel Fabrics:

- Nylon supplex
- Polyester
- Spandex
- Wool
- Canvas
- Duck
- Heavy Twill
- Quilted
- Vinyl
- Leather
- Upholstery fabrics (fiber content will vary)
- Fur/fake fur
- Suede/suede-like
- Ripstop nylon
- Nylon taffeta
- Coated fabrics
- Pack cloth
- Waterproof laminate
- Ski-stretch
- Outer lining fleece

Use appropriate pre-treatment method for wool fabric:

- London Pre-shrink method
- Dry clean

- Other
- Include care label in finished garment

#### Pressing Techniques Appropriate for Wool:

- Pressing cloth
- Pressing ham
- Wool setting & steam iron
- Seam roll
- Pressing mitt
- Sleeve board
- Clapper/pounding block
- Finger press
- Paper strips behind seam allowances to prevent marks

#### Shaping Skills for Construction:

- Tailor tacks
- Hair canvas interfacing
- Sew in interfacing
- Fusible interfacing
- Knit interfacing
- Pad stitching
- Shaping under collar
- Interlining
- Underlining
- Lining

#### Sewing Skills for Construction:

- Bound seam finish
- Hong Kong seam finish
- Hand-stitched hem
- Faced hem
- Bound hem
- Interfaced hem
- Welt pockets
- Inseam pockets
- Lined pockets
- Pockets with flaps
- Bound buttonholes

- Covered buttons
- Set-in sleeves
- Shoulder pads
- Sleeve heads
- Chest padding (menswear)
- Sleeve or back vent
- Other

#### Techniques for Embellishing Garments:

- Embroidery (hand or machine)
- Paints
- Dyes
- Fabric scraps
- Metallic thread
- Pearls
- Jewels
- Snaps
- Decorative buttons
- Markers
- Iron on transfers

#### Techniques for Spandex Fabric:

- Stretch stitch on a sewing machine
- Super stretch stitch on a serger
- Triple stitch
- Zig zag stitched seam (3 step zig zag)
- Lower iron setting for pressing
- Stitching elastic directly to seam allowance
- Use of a ball point needle
- Use of a twin needle
- Flatlock stitch on a serger

#### Techniques for Interior Design:

- Quilted fabric
- Flat felled seam
- French seam
- Stitch in the ditch
- Invisible zipper

- Centered zipper
- Separating zipper
- Gathering
- Snap application
- Decorative snap application
- Nylon hook & tape application
- Border print fabric
- Pre-shirred fabric
- Pre-pleated fabric
- Corduroy
- Velour
- Upholstery-weight fabrics
- Leather
- Suede
- Chenille
- Reversible quilted
- Vinyl
- Organdy
- Georgette
- Eyelet
- Brocade
- Chino
- Chintz
- Lace
- Tapestry
- Metallic
- Heat resistant fabric

#### Laundry Products:

- Dry cleaning products
- Color protecting products
- Color brightening products
- Powder and/or liquid products
- Fabric softener products
- Static cling products

#### Example Community Service Projects using Sewing Skills

- Blankets for hospitals, fire departments, shelters, churches

- Little dresses for Africa
- Baby blankets for hospitals
- Stuffed animals for hospitals, children's centers
- Quilt of Valor for veterans
- Costumes for community theatre
- Personal items for cancer patients
- Personal items for homeless
- Other

#### Example Clothing and Fashion Careers:

- Apparel Designer
- Fashion Buyer
- Fashion Merchandiser
- Apparel Representative
- Fashion Show Coordinator
- Costume Designer
- Apparel Design Teacher
- Tailor
- Pattern Maker
- Graphic Designer
- Computer-aided Design Career
- Manufacturer
- International Trade Representative
- Interior Decorator
- Interior Designer
- Apparel Store Manager/Sales
- Fabric Store Manager/Sales
- Other