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

2015
- 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 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

Example Community Service Projects using Sewing Skills
• Blankets for hospitals, fire departments, shelters, churches