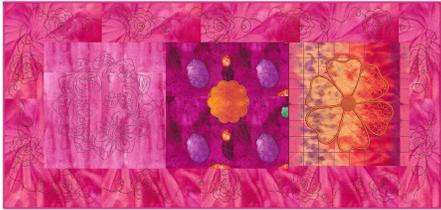


BERNINA
SOFTWARE
INSPIRATIONS

Digitizing for Computerized Quilting

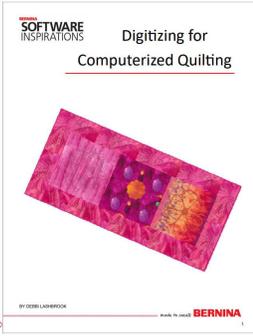


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1

Class Information Included

- Handout
- Copy of the presentation
- Designs & images used to create the project



SOFTWARE INSPIRATIONS Digitizing for Computerized Quilting

BY OESD LABORBOOK made to create **BERNINA**

2

Images



Public Domain Vectors

From Pixabay



Lynda Smith from LKSDigitalArt



By Victorian Lady

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3

Designs from OESD

→ Floral Quilting




12838-01.art



12838-11.art

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What you will learn.....

- Adding quilting to an embroidered design
- Adding quilting within a shape
- Adding quilting background around a shape (applique design)
- Digitize a border design



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Agenda

- Setting the software for quilting
 - Single or triple stitch
 - Turn off tie-ins and tie-offs
 - Lengthen stitch
- Setting the machine for quilting
 - Activate Smart Secure
 - Balanced Tension
- Types of quilting designs to create
- Project

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6

Stitch Types

Single Pass

Double Pass
Branched or
Blackwork Run

Triple

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Smart Secure

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Adjust for Fabric Thickness

4 mm 7.5 mm 10 mm

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Division of Design Types

→ Motif Quilting Designs

- Usually centered
- Start & Stop not definite
- Stand-alone design
- Usually centered within the block

Water Quilting by
Amanda Murphy

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Division of Design Types

→ Continuous Quilting Designs

- Start & stop that will connect from hoop to hoop
- Use Pinpoint Placement to connect and align the designs

Floral Quilting

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Division of Design Types

→ Border Quilting Designs

- Narrow by nature
- Usually are continuous design; have defined start and stop
- Pinpoint Placement for aligning

Continuous Circles
Border 1

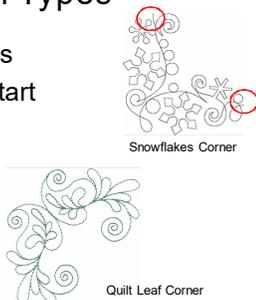
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Division of Design Types

→Corner Quilting Designs

- Can have a definite start and stop
- Can be stand alone (easier to place)



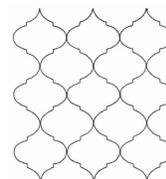
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Division of Design Types

→Filler Quilting Designs

- Repetitive
- Used to fill-in areas between other designs
- Can be embroidered or can free-motion
- Can use Quilting Background feature



Square Lantern Tula Pink



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Division of Design Types

→Background Designs

- Behind a design
- Can create in software by creating a pattern
- Use the pattern outline or fill as the background for embroidery designs or applique designs



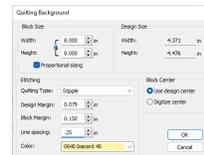
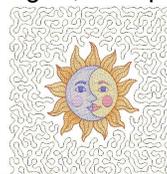
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Quilting Background

→Adds one of five different kinds of quilting around the design

→Can adjust design margins, block margins, and spacing between lines



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Challenges of Background

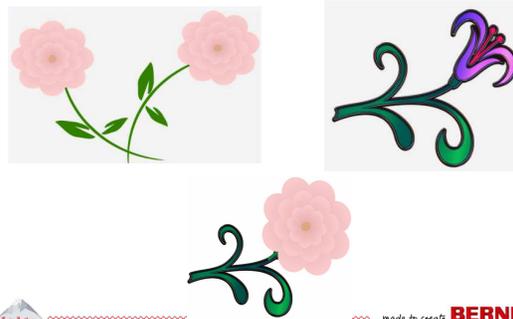
- Limit to types of quilting that you can do with Quilting Background
- Multiple jump stitches with Echo Quilting types
- Only works for quilting outside the shape, what if needed inside the shape?



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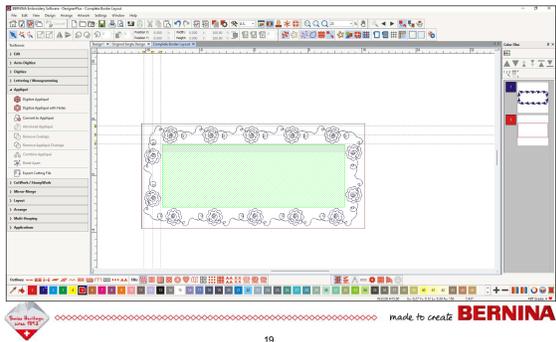
Created a combined image



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Software Lesson



Supplies

- Three 9 1/2" blocks
- Border cut at 3 1/2" wide
 - Corner squares or mitered option
- Backing: 39" x 21"
- Batting: 39" x 21"
- Piece entire top using # 97D



Align with Center

- Mark centers of each 9 1/2" block
- Begin with center block (applique block)



Applique Block

- Embroidery tension



Quilting Design

- Matching thread; balanced tension



Used Freearm of Machine

- Removed pins on left side of table runner
- Batting and backing from left side of runner put under freearm so could accommodate clamp of hoop of hoop arm



Back of design

→Stitches on back only showed quilting stitches



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Quilting in Shape

→Quilting in Shape
- Hoop top, batting, and backing
- Aligned in center and stitched

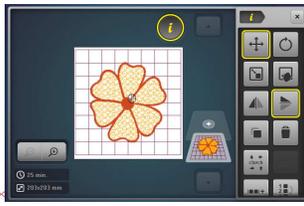


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Grid Quilted

→Design flipped—mirror up and down
→Stitch center design with Ultra Clean N Tear behind runner
→Backing and batting under freearm
→Embroidery tension



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Grid Quilted

→Remove hoop
→Thread same color in top and bottom
→Balanced tension
→Smooth batting and backing behind hoop; pin in place in border
→Add basting box to hold layers before quilting (optional)



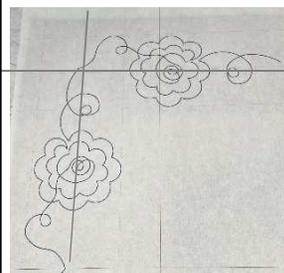
Mark Border

→1 1/2" from inner squares
→Baste 1/8" from edge of border all around runner



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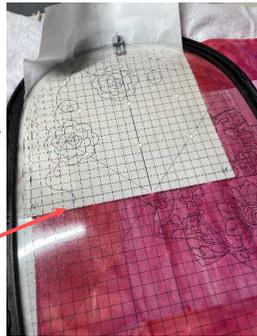
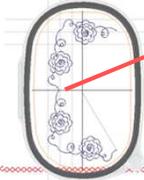
Template Paper Aligned



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Corner Designs

→ Aligned center of corner design with center of table runner (marked on fabric)



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Corner Design

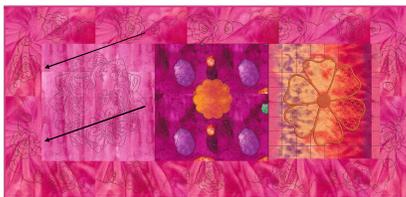
→ Pinpoint Placement for start and end



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Corner Design

→ Absolute Check to check other key areas
- Edge of flower along border

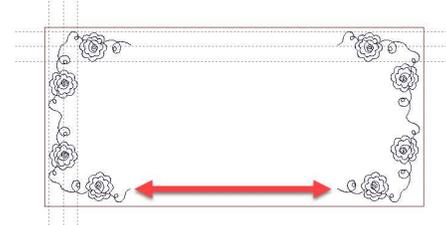


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Corner Designs

→ Measure and calculate

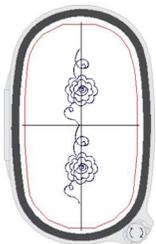


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Side Design

→ Use template to help keep straight



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Side Design

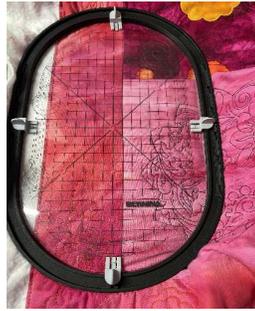
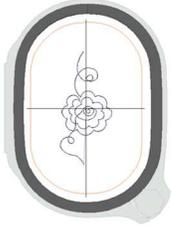


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Single Design

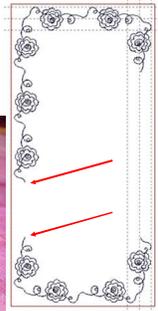
→Template to align straight



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Single Design



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Finishing

→Trim batting and backing

→Bind table runner



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Final Project



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