The Tree of Life and other Quilt Blocks using the Half-Square Triangle

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Saturday, March 22, 2014  
Paul Smiths College VIC  
9:00 AM - 4:00 PM

Supply List

Sewing machine and equipment:  
• sewing machine with bobbins, electrical cords, foot pedal  
• quarter-inch sewing machine foot  
• walking foot (optional)  
• machine manual  
• electrical power strip and heavy duty extension cord

Sewing tools:  
• extra machine needles  
• straight pins  
• seam ripper  
• fabric scissors and small trimming scissors  
• thread – medium value to coordinate with project, or beige or gray  
• extra bobbins  
• coordinating thread for machine quilting (if time permits)

Rotary cutting and Ironing Equipment:  
• rotary cutter with new blade  
• cutting mat  
• ruler with a 45 degree line on it  
• mini-iron and ironing mat for ironing at your table (optional – there will be two regular sized ironing stations available)  
• pencil or marking tool

Miscellaneous:  
• zip-lock bags for small fabric pieces  
• camera (optional)

Depending on your intended project:  
Pillow - 16” pillow form for the Tree of Life pillow  
Quilt or wall hanging – batting  
Extra pillow – 12” or 16” using other HST design as focal image (we will be exploring other blocks made with HSTs)

HST = Half-Square Triangle
**Fabric:**

*This page lists minimum requirements. It is a good idea to bring more fabric than you need to give yourself more choices. You may also choose to make a larger quilt (baby, lap, etc,)*

**The Half-Square Triangle (HST)**

This unit is considered one of the most popular building blocks in quilting. This versatile unit is used in many traditional quilt blocks as well as in modern quilt design.

**The Tree Of Life**

This block is made up of:

<table>
<thead>
<tr>
<th>Units</th>
<th>Number of Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST units</td>
<td>37</td>
</tr>
<tr>
<td>dark squares</td>
<td>7</td>
</tr>
<tr>
<td>light squares</td>
<td>20</td>
</tr>
</tbody>
</table>

Each 12 inch (finished size) Tree of Life quilt block requires:

- 1/4 yard (or fat quarter) dark fabric
- 1/4 yard (or fat quarter) light fabric

Each 16 inch (finished size) Tree of Life quilt block requires:

- 1/3 yard (or fat quarter) dark fabric
- 1/3 yard (or fat quarter) light fabric
Projects:

1. If you choose to make the pillow (16” pillow form required) you will need:
   a. One 12 inch Tree of Life block
   b. 3/4 yard matching or coordinating dark fabric

2. If you choose to make a wall hanging, you will need:
   a. One 16 inch Tree of Life block
   b. Example 1:
      i. Light border – ¼ yard
      ii. Dark border – ½ yard
      iii. Backing – 1 yard
      iv. Batting – approximately 32”x32”
      v. Binding – approximately ¼ yard
   c. Example 2:
      i. Light borders – 1/3 yard
      ii. Dark border and corners – 2/3 yard
      iii. Backing – 1 yard
      iv. Batting – approximately 34”x34”
      v. Binding – approximately 1/3 yard

   *Important note: These are suggested layouts and suggested colors. You may choose to put together a different layout using assorted colors/prints. Adjust your fabric amounts accordingly.*

3. If you choose to make a larger quilt, you will need:
   a. Six 12 inch Tree of Life blocks
      i. Light border – 1/3 yard
      ii. Dark borders – 1 ¼ yard
      iii. Backing – 1 ½ yard
      iv. Batting – approx. 43.5”x54”
      v. Binding – approx. ½ yard