

Name: _____

Pattern Design Activities for Kids

by Don McCunn

Book Two - Design Variations

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Changing Dart Locations



Changing Darts to Seams



Working with Color



Decorative Seams



"Skirts"



Pattern Design Puzzles

Design Variations

The projects here build on those in Book One. Those projects showed Fit was controlled by two darts between the waist and the hip. These projects show how to:

- Change dart locations
- Change darts to seams
- Change seams to create different looks
- Create a skirt for the bottle and explore pattern design puzzles.



Changing Dart Locations



Changing Darts to Seams



Working with Color



Decorative Seams

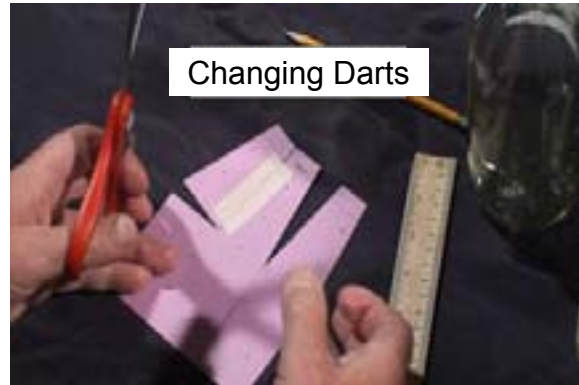


Skirt

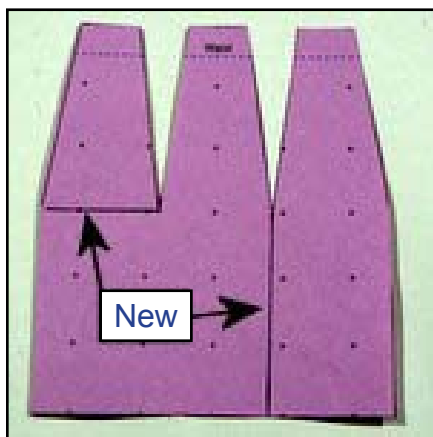


Pattern Design Puzzle

Changing Darts



A dart is like an arrow that points to where the body changes.



1. Make a copy of the Master Pattern and draw lines for the new dart locations as shown.



2. Cut along the lines for the new dart locations.



3. Tape the original darts closed.



4. Tape the pattern to the fabric.



5. Cut the fabric and remove the pattern.



6. At the top of the fabric, cut notches down to the waistline.

Changing Darts (cont'd)



7. To prevent fraying, tape the sides and bottom of the fabric.



8. Tape the new darts closed.



9. Place the fabric on the bottle with the tape showing. Now tape the waistband in place.

Changing Darts to Seams



Seams go from one edge to another. Darts do not. When you change a dart to a seam, the seam should pass close to the point of the dart. Seams can be taped together just as you did for the darts.



1. On a copy of the Master Pattern, draw the seam lines you want.



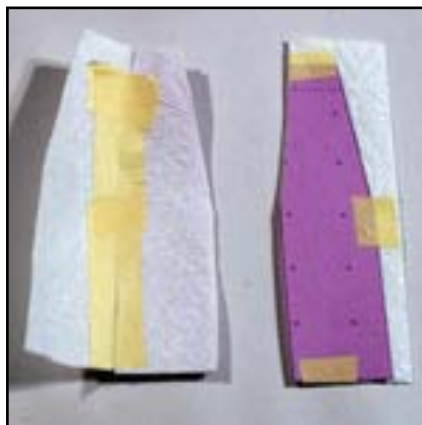
2. Tape the pattern to a towel.



3. Cut the towel without cutting the top.



4. Cut the towel along the seam lines.

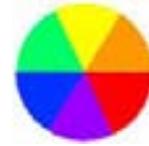


5. Tape the seams closed.



6. Finish the project by adding a waistband.

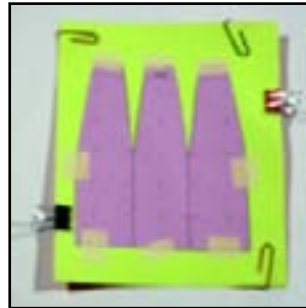
Mixing Colors



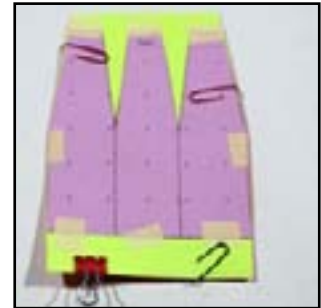
Colored paper or fabric can be joined together with seams to make different designs. For this project, I used green, yellow, and orange paper.



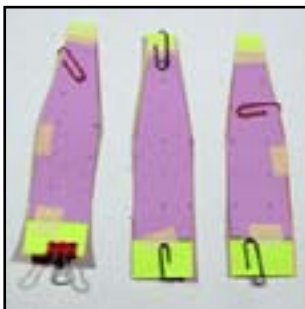
1. Select three colors you want to use.



2. Tape the pattern paper on top. Now clip the three sheets together.



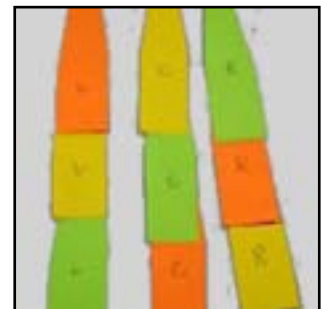
3. Trim the sides. Then reposition the clips.



4. Cut the seams to separate the pieces. Reposition the clips.



5. Cut off the extra paper at the top and bottom of each pattern piece.



6. Separate and label the pieces: L=Left, C=Center, R=Right. Finish the project as described for "Changing Darts to Seams".

Decorative Seams

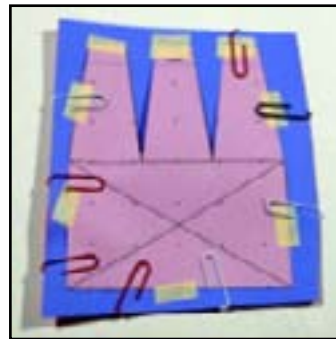


Seams can be added without changing the fit. They can be added to combine different materials or to change a look.

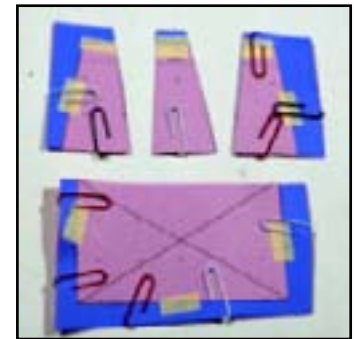
Sequence can be very important in putting together a Pattern Design. When the sides of two separate pieces are the same length, they should be taped first. (See Step 8.)



1. Draw the design lines you want onto a copy of the Master Pattern. Then select the paper you want.



2. Tape the pattern to the paper. Clip the edges of the two different colored papers together.



3. Separate the paper on top from the piece on the bottom.



4. As you separate the pieces, adjust the clips to keep the papers in place.

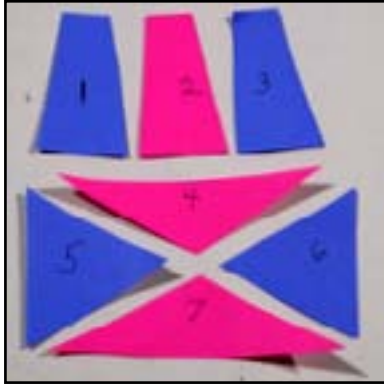


5. The project is now separated into different pieces.

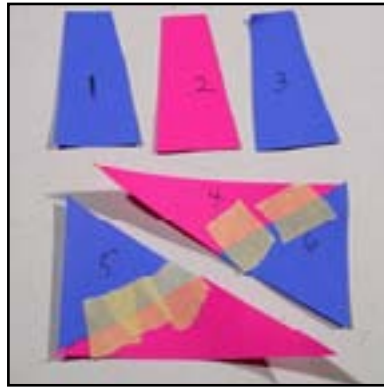


6. Separate the different colors, numbering the pieces as shown above.

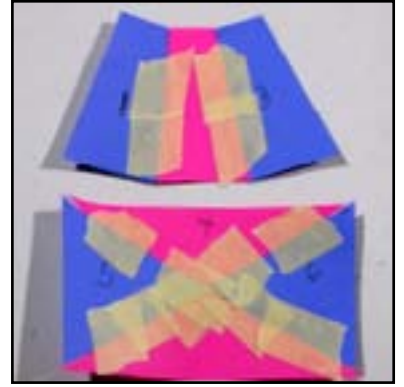
Decorative Seams (cont'd)



7. Choose the color combination you want.



8. First tape the edges that match each other.



9. Finish taping the seams together. Now add a waistband.

Creating Skirts



You can create a skirt for the bottle by making two copies of the Master Pattern then taping the side edges together. In this example, the Master Pattern is placed on folded fabric to create the two copies.



1. Tape the pattern to the folded edge of the fabric.
2. Cut the fabric and tape it as described in "Using Fabric" in Book One.
3. Place the skirt on the bottle to tape the side seam, then turn the fabric right side out.

Pattern Design Puzzles

Creating a pattern is like solving a puzzle. Below are some design puzzles you can try. The answer to each puzzle is on the website. For the pattern, just click the link. You can also look at a design below and figure out how to make the pattern yourself. Or use these designs for ideas to create your own original designs.



Design #1



Design #2



Design #3



Design #4



Design #5



Design #6