Measurements for 2015 challenges:

** Mat size 45” x 92 1/2” Normal FLL mat

Pattern
Zone 19  0-6” in from middle line going East, 3 3/4” up from South Line. One side touching the South wall.

Hang Up-Hanger is in Base. Zone 7, 5 to 12” up from South Line and 0 to 3 3/8” in from East line. Total Area is 7” by 3 3/8”

Knot Me!
Zone 12, ½”-3” in from West Line and 7”-9 ½” up from South Line. Total Area is 2 ½” x2 ½”

Sheepish
Zone 13, Sheep in Base. 6”-13” up from South Line and 0”-4 1/8” from West Line. Pen measures 4 1/8”x7”.

Say it’s not Sew
Zone 17, 9”-14 5/8” from South Line and 0”-2 1/2” in from East Line. Measure 3 ¾”x2 1/2”
Sewing Machine and Treadle part is 1 7/8”x7/8”.

To dye for!
Zone 4, The Four colors are in base and your robot must place correct colored dye in each vat.
White is 2”-5 ½” in from North Wall and 0”-1 5/8” from East Wall.
Grey is 9”-12 ½” from North Wall and 0”-1 5/8” from East Wall.
Red is 2”-5 ½” from East Wall and 0”-1 5/8” from North Wall.
Black is 7”-10 ½” from east Wall and 0”-1 5/8” from North Wall.

Up, Up and Away!-Zone5, 6”-10 1/2” up from South Line and 4”-9 1/2” in from West Wall. Total Area is 4 ½”x 5 1/2”

Project Runaway Runway
Your robot must line follow from base to return to base. Costume is added points.
First line is 4” down from North line along the West Line in base. The line goes to Zone 15, 6”up from South line and 2” in from West Line.
Second line is 10” down from North line along West line in base. The line goes to Zone 14, 4 ½” up from South Line and 2” in from East line.
Crochet Ricochet

Your robot will leave base on a zip line with a crochet needle and pass thru a loop then return to base. Line will start in the base and enter loop in Zone 9 all suspended off the mat.

First Zipline pole is 2 feet tall with a Hole which is 18” up. Pole is located 15”-18 ½” from Outside base corner.

Second Zipline pole is 2 feet tall with a hole which is 18” up. Pole is located in zone 9 up ½”-4” heading North.

The Natural- Zone 10,
Wool is 6” in from East line and 2” down from North line to the center.
Linen is 7” up from South line and 5” in from the East Line to the center.
Acrylic is 11” up from the South line and 5” in from the East line to the center.
Cotton is 14” up from the South line and 2” in from the West line to the center.
Nylon is 8” up from the South line and 3’ in from the West line to the center.
Polyester is 3” up from the South line and 5” in from the West line to the center.

Base-Will have Sheep and Coat Hanger from Roger when you register. Your clothing for the robot to wear on the runway(you bring) and quilt piece for the Pattern and lastly 4 colors of lego blocks for your To dye for! Challenge.

Cornell Cooperative Extension offers equal program and employment opportunities