1. **Hang Up**- Place a 3-D printed coat hanger (provided from Roger) on the clothing rack.

2. **Project Runaway Runway**- Your robot will have to be dressed (yes costume) for success and walk the runway via line following.

3. **Up, Up and Away**- You will have to release the tethered hot air balloon from its anchor station.
4. **Knot Me**-Your robot will spin the lever and make its own rope.

5. **Say it’s not Sew**-Your robot will have to push the pedal of an old fashion treadle sewing machine to make it work.
Leads 4 stack 4 blocks

Base
8 hole
12 hole

Level
2 holes
6 hole
Any combo

Next
2 brick w/hole
Small wheel
Axel

Next
Above

Next
Above
middle
6. The Natural-Can your robot pick out the natural fibers from the manmade fibers and bring them to base?
7. **Pattern** - From base you will deliver the missing quilt piece into the final spot.

8. **Sheepish** – The robot will leave base and place a (felted) sheep (provided from Roger) into a shearing pen on the farm.

   (same base as Pattern)
9. **Crochet Ricochet** - Your robot will run the zip line to place the Crochet needle through the loop, all while hanging.
10. To Dye For-Your robot will make a delivery placing the correct dyes in the correct containers marked for that color.