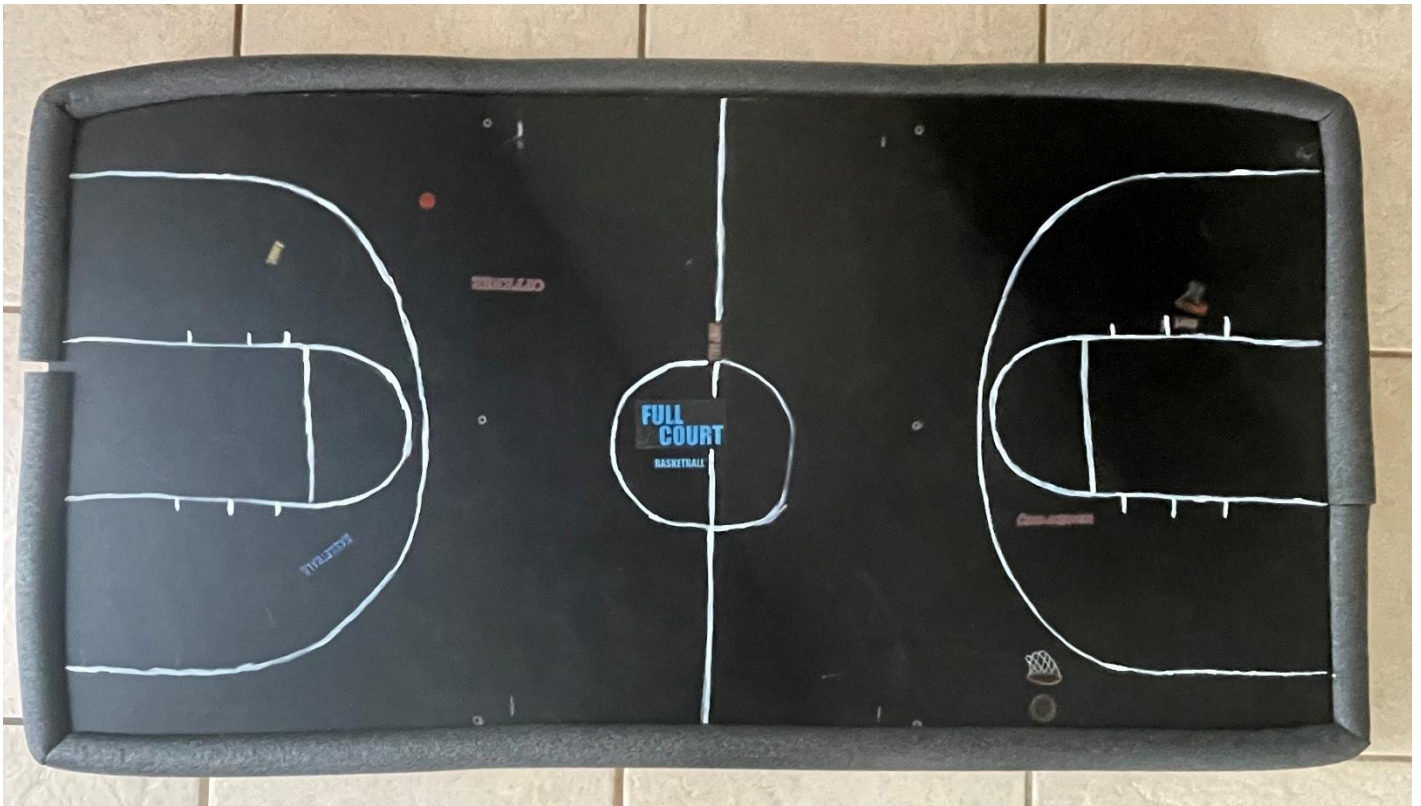# Using Sphero to Teach Programming Fundamentals Basketball Court Construction

Construction

1. Grab a 24 in. x 48 in. black chalkboard.
2. Screw four 1 in. x 3 in. x 24 in. wood planks along the base of the chalk board to provide stability
   - Screw down through the chalk board into the wood planks
   - Planks should be evenly spaced apart
3. Grab 12 ft. foam pipe insulation
4. Cut along the foam pipe insulation
5. Wrap the insulation along the border of the chalk board
6. Screw the insulation along the side of the chalkboard.
7. Draw general shape of a basketball court onto the chalkboard

Top of Board

Bottom of Board

Basket Construction

1. Buy a Sphero ramp
2. Buy a 6 in. x 8 in. aquarium fish net
3. Cut off the handle of the fishnet
4. Use duct tape to attach the fish net to the ramp