2018 Double DECCer   Junkyard Robots 7

Lake Superior Regional   &   Northern Lights Regional
We're the Double DECCer!

~ H E Y,   T E A M S ! ~
Build an iconic robot from recyclable, scrounged, on-hand materials, bring it to the Double DECCer, have it judged for awards, and put it on display in the Junkyard Robots Gallery, representing your team!
*****Who is going to be your JYR team representative*?****

Register: subject line "Register" junkyardrobots@gmail.com by Fri March 2, 2018

Junkyard Robots 7

Once again: (read with an excited voice!)

We are looking for attention-getting, direction-giving, awe-inspiring robots to grace the same great venue. Each regional will have its own JYR7 competition, with awards presented on the field by DECC judges. (see? when you read it right, it IS exciting!)

In keeping with the Duluth Entertainment and Convention Center's (DECC) strong, award-winning reduce/reuse/recycle program, we invite each team to build a Junkyard Robot using recyclable, scrounge-able, secondhand materials. The DECC will be presenting their awards to the teams whose robots best demonstrate the assigned functions.

**See past years' robots **http://mnfirst.org/index.php/duluth-regionals/duluth-junkyard-robots/

JYR7 Specs: (you'll be judged according to these)
1 *assign a Junkyard Robot representative/s* responsible for check-in, transport to assigned post, award presentation, and retrieval at the end of the event Only team reps move the JYRs. We tend to break them..... (see #**11**)
2 each JYR should be iconic/recognizable. Like: "Hey, that's a robot!"
3 use only on-hand, scrounged, and preferably recyclable materials.
4 *No purchases* allowable for the JYR.
   for example: duct tape cannot be purchased for JYR, but if it is on-hand, it can be used. C'mon.... you don't buy something to throw it in the junkyard, right? pssshhhh, silly.
5 each JYR needs an obvious directional aspect; an arrow, or pointing arm, etc, that can be manipulated to point left, right, straight ahead, etc. "Go that-a-way!" "...or go the other way!"
6 area provided for a 11x17 poster HORIZONTAL (provided@ event check-in) a mini billboard!
7 each robot should be within 2'x2'x5' (WxDxH)
8 robot parts cannot be easily removable or cannot in any reasonable way pose a danger to others.
   Team Wisdom: don't give your robot a sword. Just sayin'.

9   have your team number visible

10 robots should be easily mobile, light enough for one or two people to move.
    You'll be moving it... think about that for a sec...

11 robots should be stable (very hard to tip), and well built (or we break them easily...)

12 robots should have curb-appeal ~ you want them to draw a crowd.
    One year, a spectator wanted to buy one for her garden! Cool, right?

13 any robot deemed inappropriate will be removed from the competition and have
    its wrists slapped and bolts snapped.

14 robots to be checked in at the designated JYR corral by 10:00 am Thursday
    morning March 8th. Judging to follow. JYR Team Rep must be available for judging.

15 though the robot needs to be registered by *__Friday March 2nd__*, work can start anytime
    and continue until check-in.

16 Register by *__Friday March 2nd__* to __junkyardrobots@gmail.com__.
    Subject line: "Register"
    Give your Team #, team name & school, team representative name and contact info.

When designing and building your Junkyard Robot, keep these in mind:

~ the robot will be representing and FIRST Robotics, to the public.
       Presentation is key.

~ the robot will be used for advertising purposes, drawing in the curious public.
       Is it attention getting?

~ the robot will be used for directional purposes.
       Is the venue direction immediately evident?

~ the robot is made from materials on hand.
       Are you being resourceful?

~ this task presents challenges on many levels.
       Are you being creative?

==