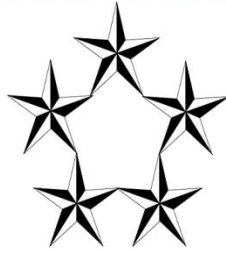**Five Star Innovation, LLC.**

Robotics, Coding, and STEM Competition

2020 – Mystery Innovation Challenge

This challenge is a winner take all, autonomous robotics competition. There are no playoffs or head-to-head eliminations. Top score wins the event.

This event is looking for creativity, critical thinking, and on the spot innovation. If it isn't specified in the rules given on the day of competition (or in this document), then it IS permitted.

Objective

Design, build, and program an autonomous robot that can complete a challenge that will be revealed the day of the competition. Have what it takes to be on-the-spot innovative? Join this challenge and prove you're the best!

Constraints

- Any robot that can be coded to run autonomously, meets size requirements, and who's total cost is under $1,000 may be used.
- NO remote control of any kind may be used in this challenge. All robots MUST operate on a coded set of instructions that do not require any type of user interaction, beyond sending the initial instructions for the robot to start the challenge.
- Robot is prohibited from damaging the field and endangering participants, judges, and spectators
- Robot is prohibited from emitting gases, liquids or dust

Challenge Rules

- Challenge rules will be issued on the day of the competition

Challenge Specifications

Track
- Track specifications will be made known on the day of competition