

1lb Plastic Ants:

PET, PETG, ABS, or PLA, PLA+, HIPS are the only materials that can be used for the chassis, weapons and wheels. You can add something to the tread of the wheels for extra grip on the arena floor. Otherwise if I can touch it, it has to be plastic. It's ok to epoxy or screw 3D printed components together, it's ok if the heads of the screws are visible, as long as they're only used for minimal support - like attaching the top onto the sides of the robot, or gluing two 3D printed parts together at the seam if they'd be bigger than the 3D printer base. Motors, electronics, axles, fasteners and adhesives can be any material, but cannot be used in such a way to enhance the structural integrity, armor the robot, or enhance any weapon. No other types of plastics or materials allowed (No, Carbon-fiber, kevlar, and fiberglass are not polymers, nor are plastics supplemented with them like NylonX or Onyx)

This event is to encourage the use of 3Dprinters and design software, as well as helping you to learn the basics of building your own open class Combat Robot.

Trophies will also be 3D Printed :)

Robot may be disqualified at the Event Organizer's discretion if it is deemed to violate the spirit of the class. Contact the event organizer ahead of time if you are not sure your robot meets the above definition.