

FLUID POWER CHALLENGE - 2021



What is it?

Your team will design, engineer and build a device that picks up wooden cylindrical objects from the “START” position and then place them in one of three destination zones. The object must be moved and placed in an upright position in your chosen destination zone. Your task will be to transport as many objects as possible in a time frame of two minutes.

How does it work?

- 8th grade only club
- Work in teams of 4 (2 boys and 2 girls preferred)
- District Competition
 - Wednesday, February 27th at Rafferty in the PLC
 - Two components:
 - Public Review of Portfolio & Machine Demonstration; 9:00 – 11:00
 - Machine Competition; 11:30 – 1:00

When does it meet?

- Meets every Monday and Thursday in January and February
- First club meeting date: Thursday, January 10
 - Complete session dates:
 - 1/10, 1/14, 1/17, 1/24, 1/28, 1/31, 2/4, 2/7, 2/11, 2/21, 2/25

Who do I ask if I have questions?

Mr. Hirshfeld- danhirshfeld@sd54.org

Mrs. Rezk- jessicarezk@sd54.org

How do I sign up?

Fill in the following sheet and turn into your science teacher or the office (Mr. Hirshfeld- Room 104 or Mrs. Rezk- Room 323)

NAME _____

Check here if you need a team _____ -OR-

Please list your possible teammates if entering as a group:
