



RUBBER BALL SHOOT

The Engineering Club Challenge today January 16, 2019 was to construct a device that would shoot a rubber ball 12 feet and hit a target. The device had to be mounted to a “12” X 12” cardboard Launch pad.

Twelve teams of less than 5 worked on the challenge given only the following material:

- 1 - Launch Pad (A cardboard board approximately 12" x 12")
- 4 - Rubber Bands
- 4 - Straws
- 6 - Thumb Tacks
- 1 - 1" Hard Rubber Ball
- 4 - Paper Clips
- 2 - Wood Sticks
- 1 - Dixie Cup
- Masking Tape (6 inches)
- Kite String (12 inches)

Scissors and rulers were also available for the construction.



All the teams discussed various ideas, some sketched up designs and some just started to build a device. Many teams tested and refined their ideas. Four teams were eventually successful and launched their rubber ball in excess of the 12 feet hitting a 12X12 target. All winning teams were awarded prizes.

Winners and competition pictures.

ENGINEERING CHALLENGE

