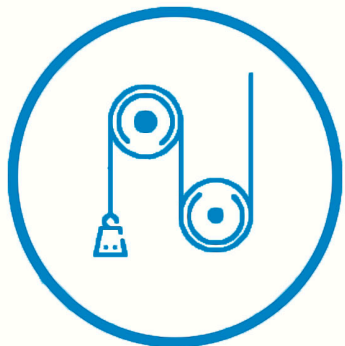


WONDER MAP



Power Pulleys

OBJECTIVE: Students will be able to understand how pulleys and force can be used to move heavy objects by working in teams to design various pulley systems that can move a cup of beans the furthest.

GRADE LEVEL: 4th-10th



SOCIAL EMOTIONAL SKILLS PRACTICED

- 1) Confidence
- 2) Accountability
- 3) Resilience



ACADEMIA EXPLORED (Science, Physics)

- 1) Engineering
- 2) Pulley, Force, Effort



COGNITIVE SKILLS EMPLOYED

- 1) Problem Solving
- 2) Analyzing
- 3) Decision Making