

CUB SCOUT TIME!
SWING!

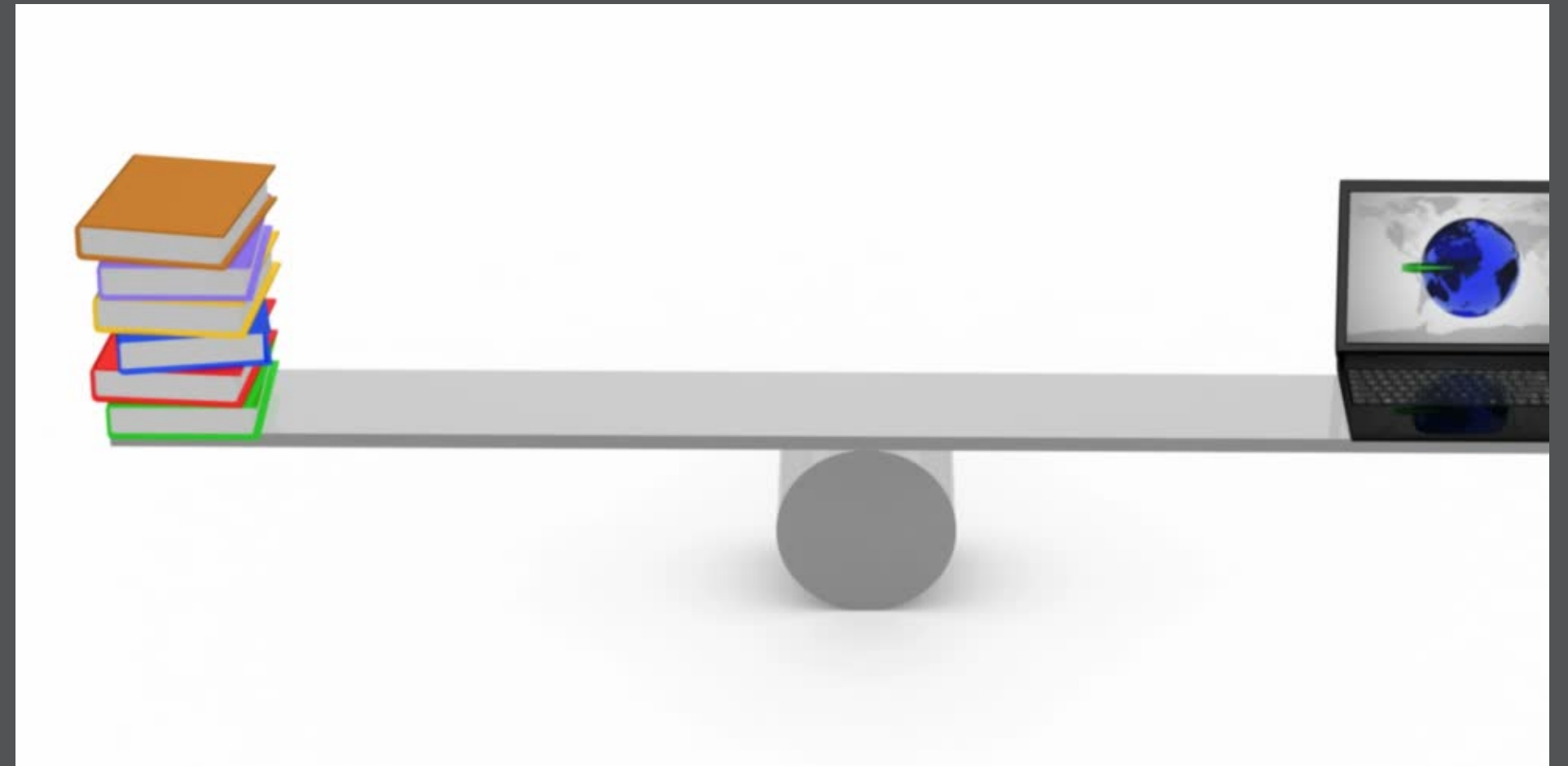
CASCADE PACIFIC COUNCIL

SWING

ENGINEERING AND SIMPLE MACHINES!

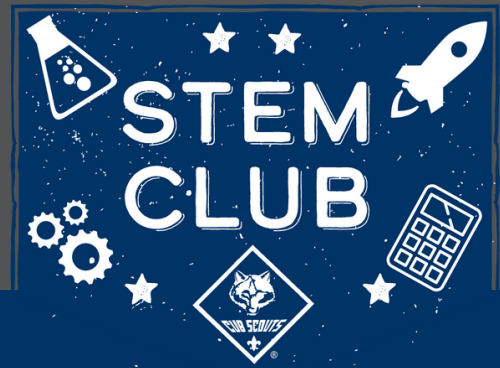
TODAY'S AGENDA:

- WHAT IS A LEVER?
- LEVER CLASSES
- CATAPULT BUILDING
 - COIN LAUNCHER
 - SPOON-A-PULT





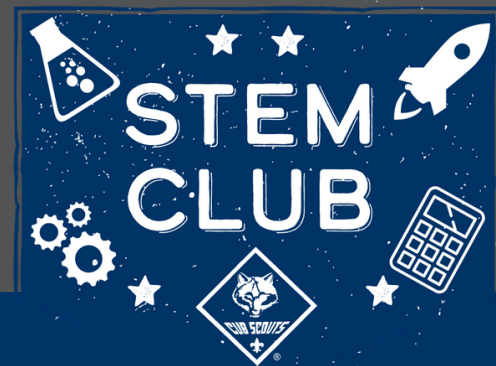
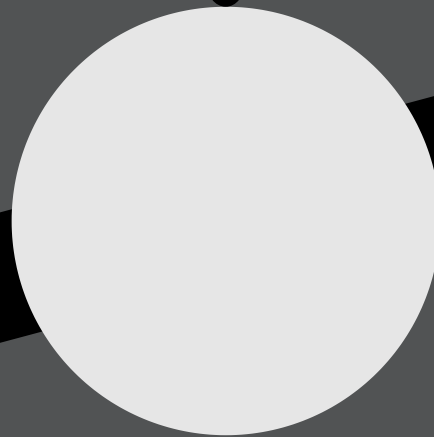
WHAT IS A SIMPLE MACHINE?



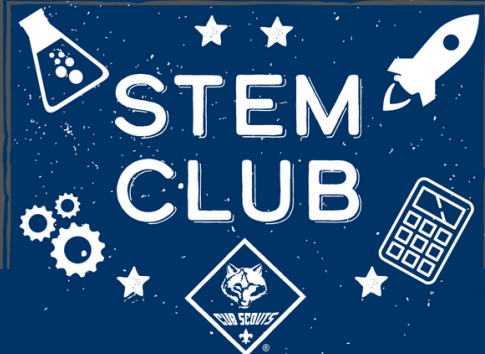
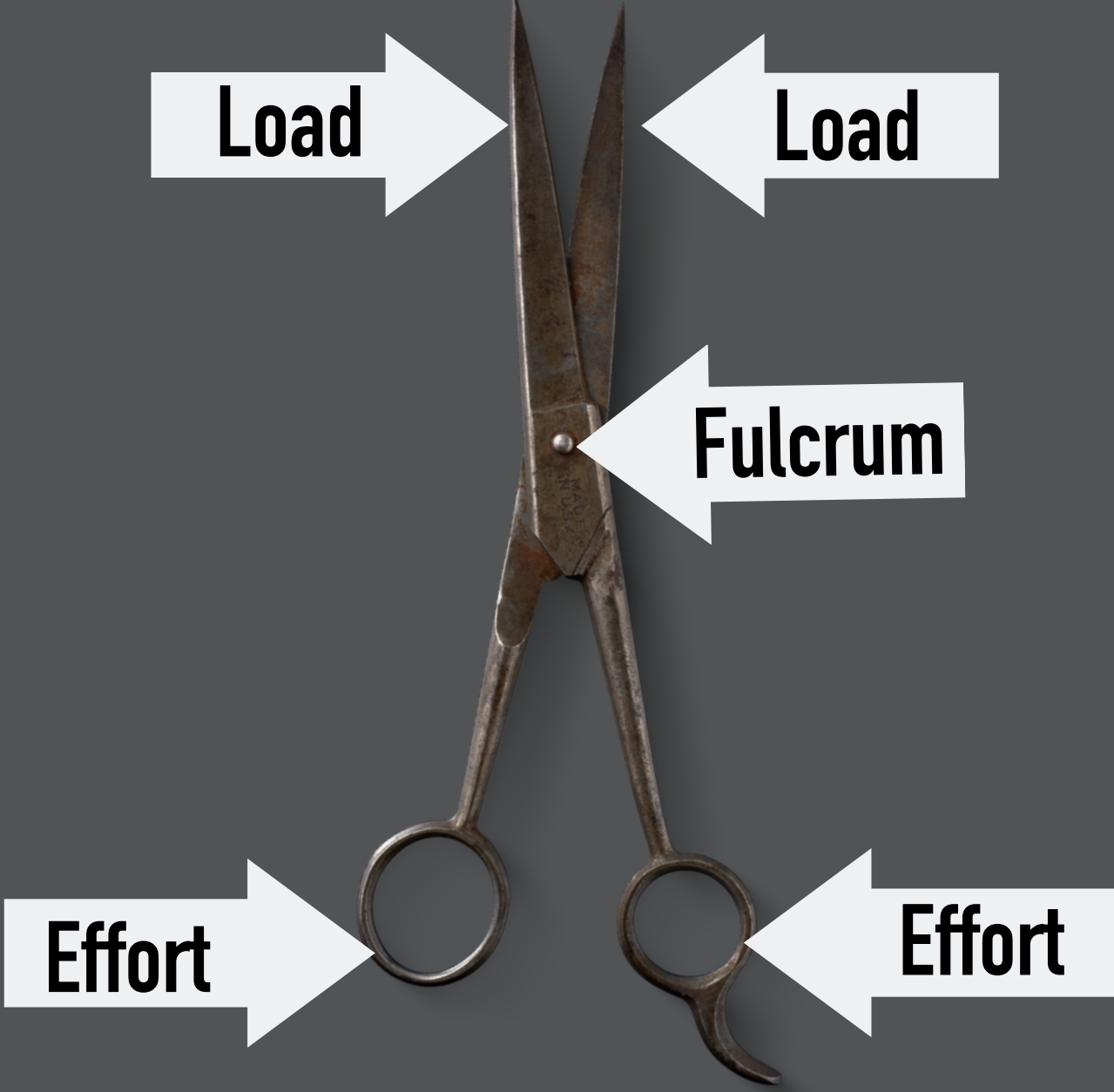
WHAT IS A LEVER?



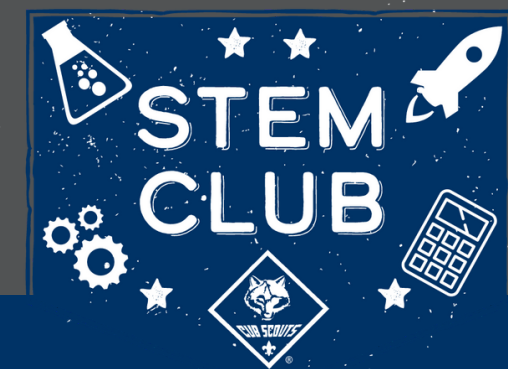
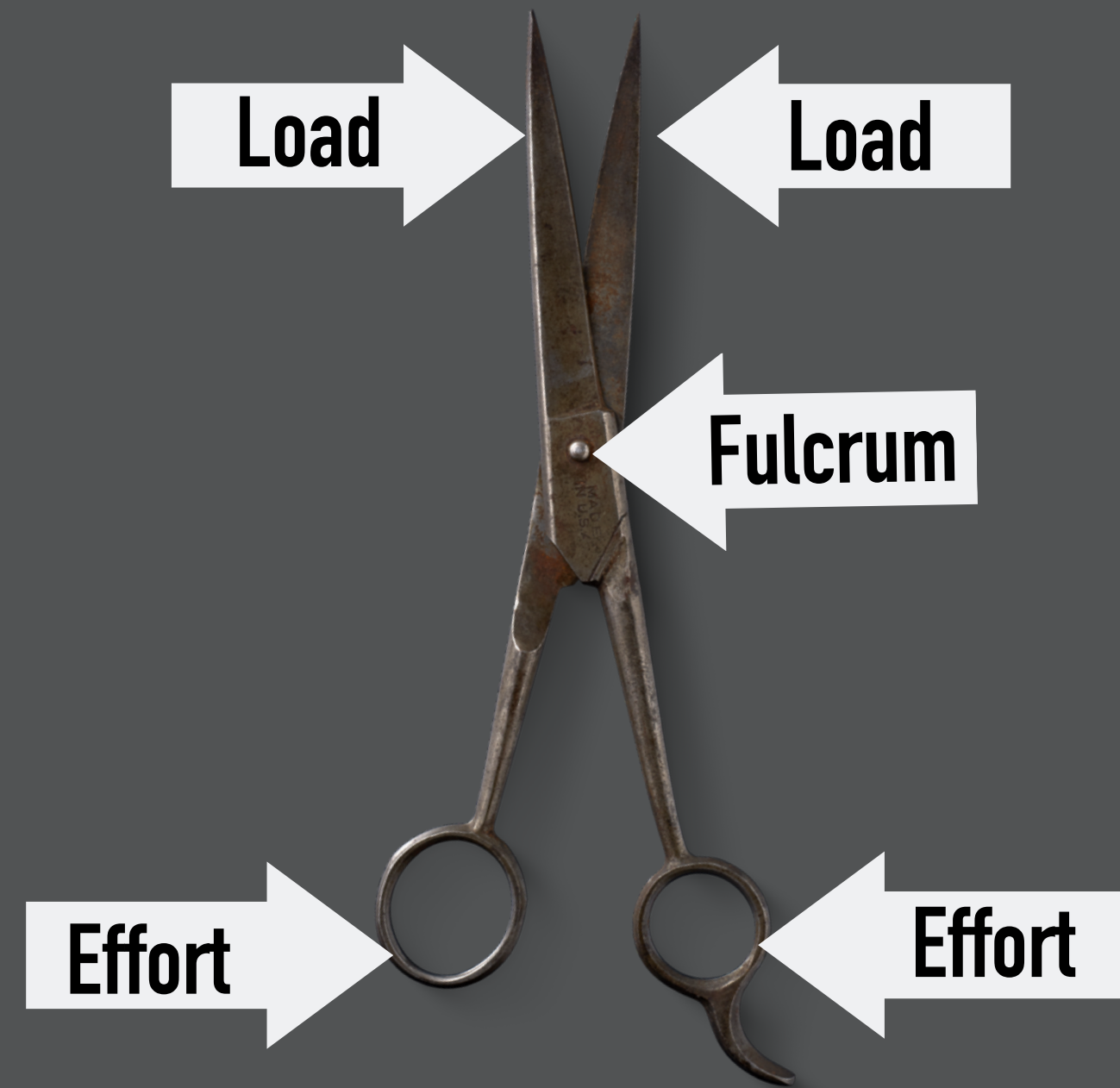
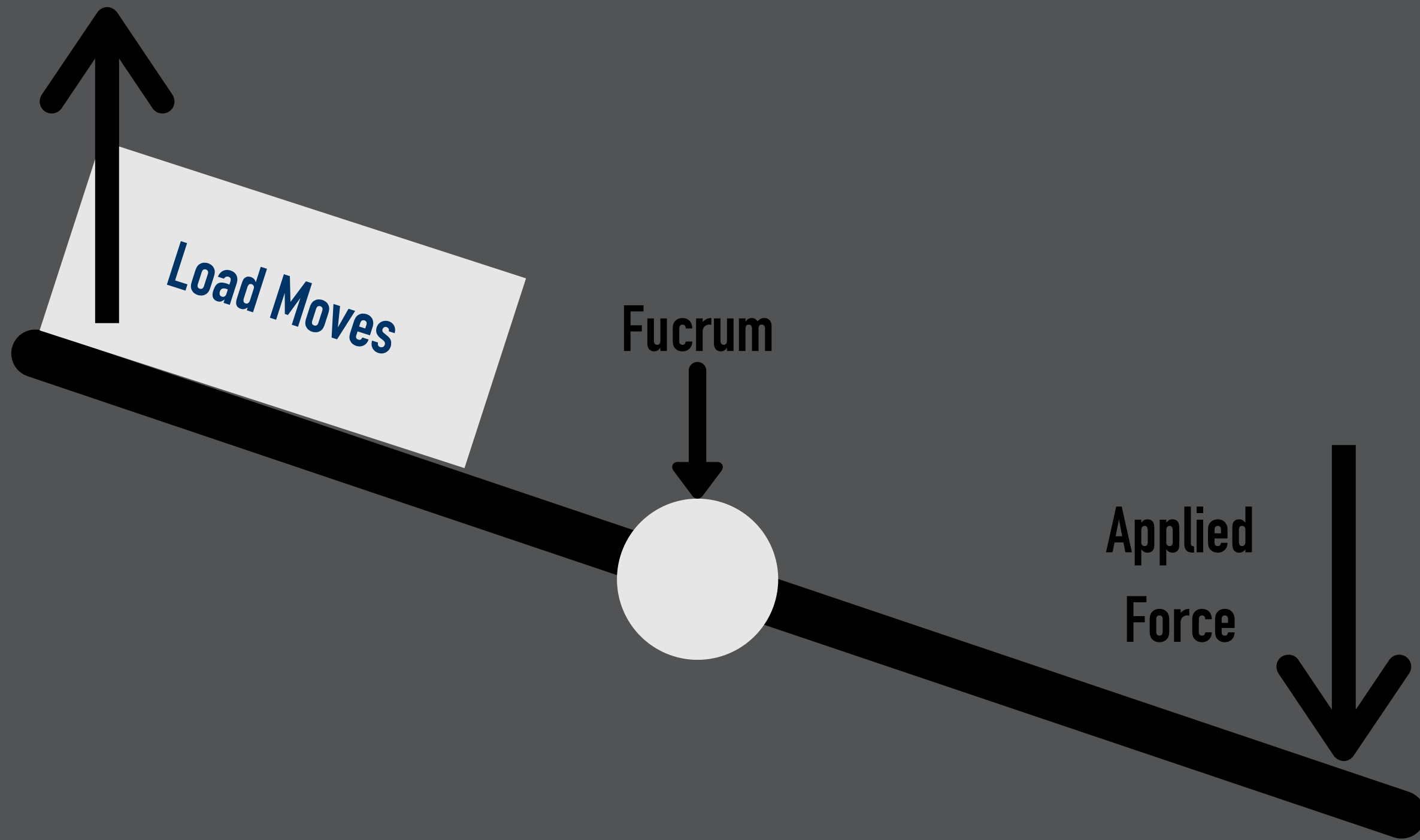
Fucrum - A fixed point



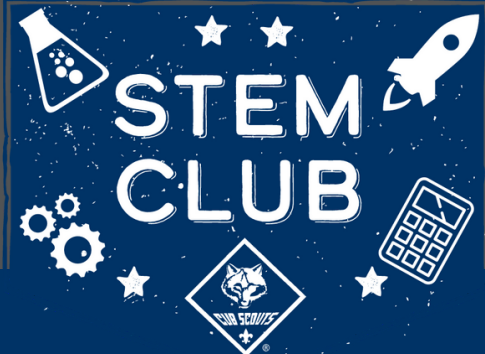
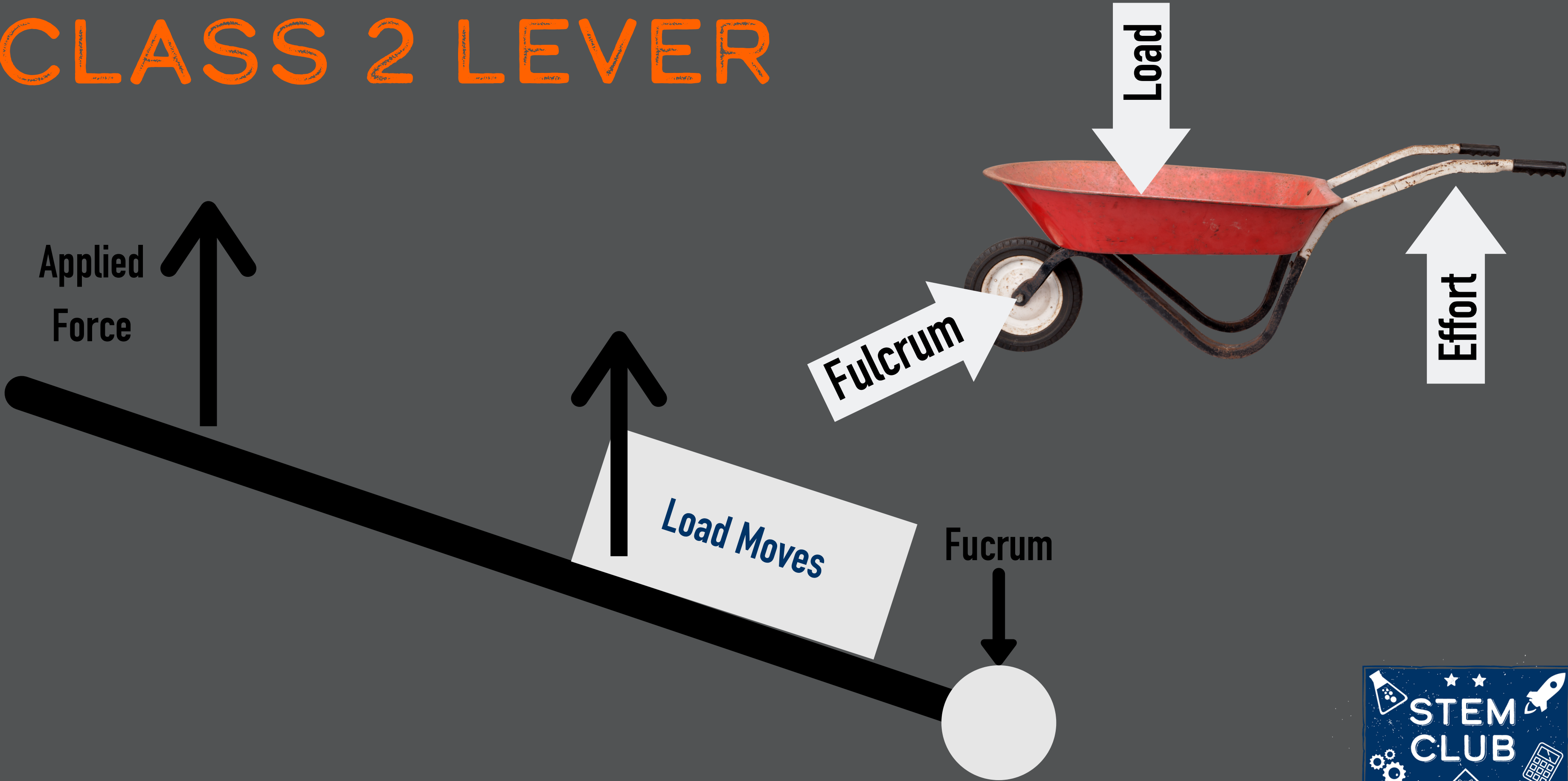
WHAT IS A LEVER?



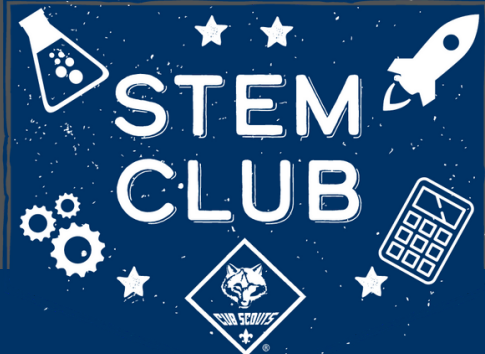
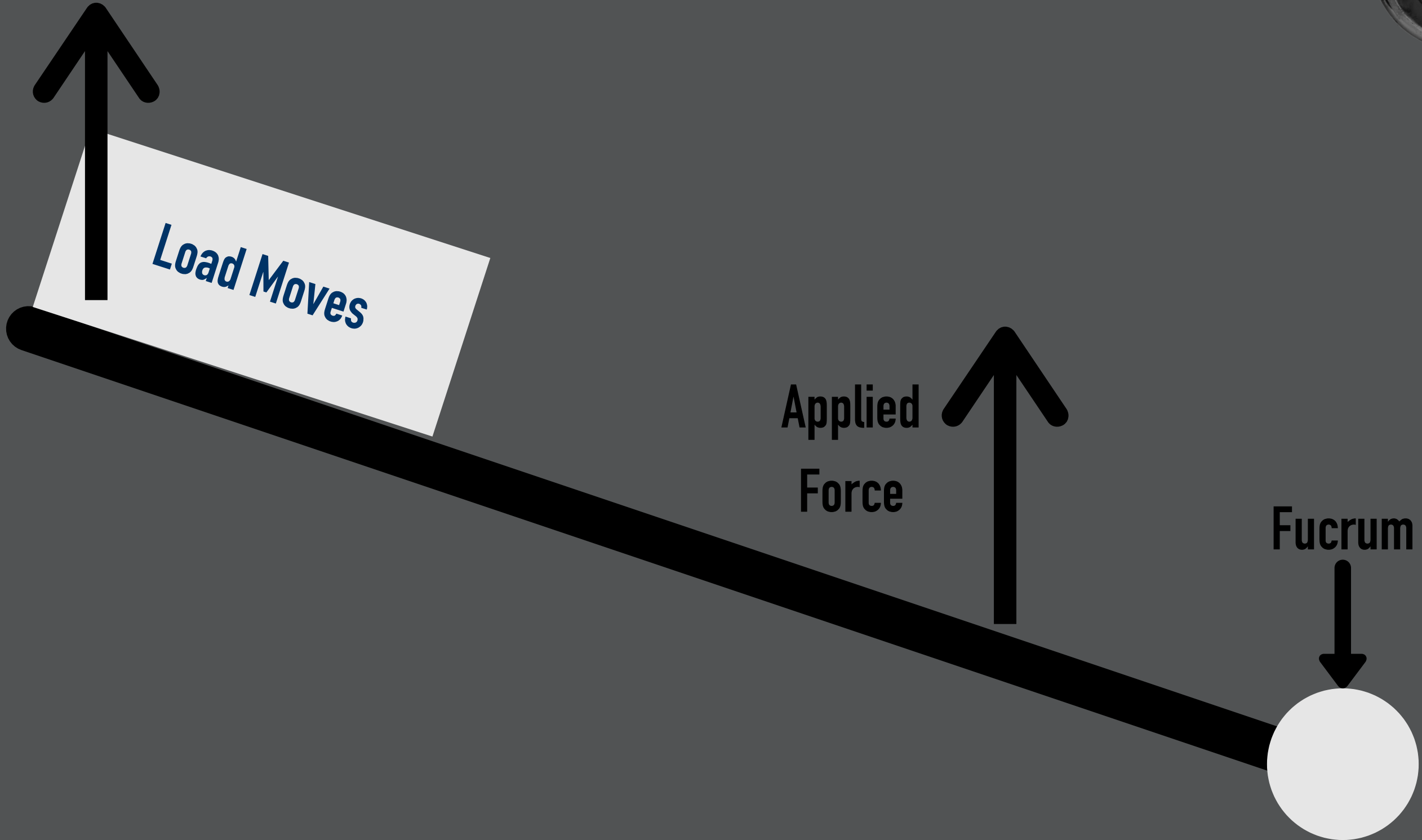
CLASS 1 LEVER



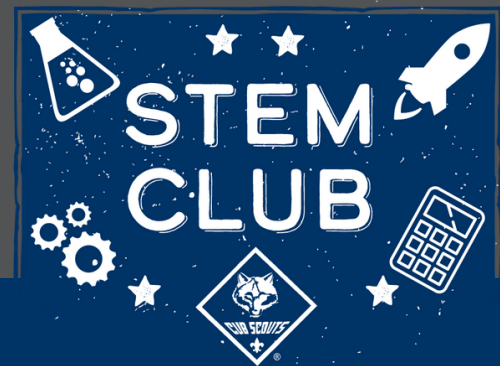
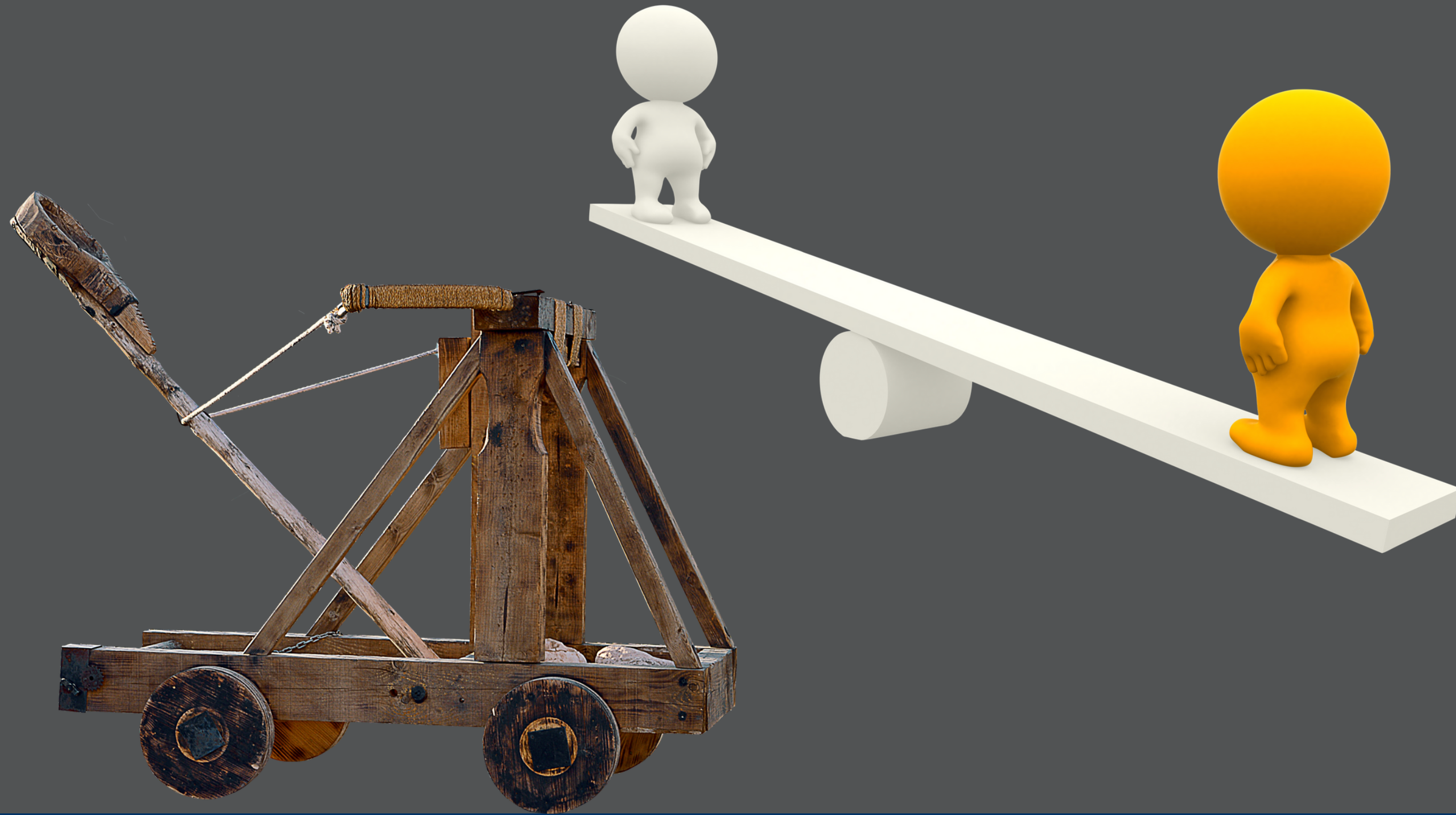
CLASS 2 LEVER



CLASS 3 LEVER

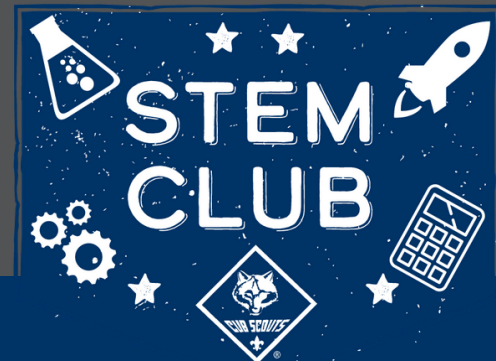
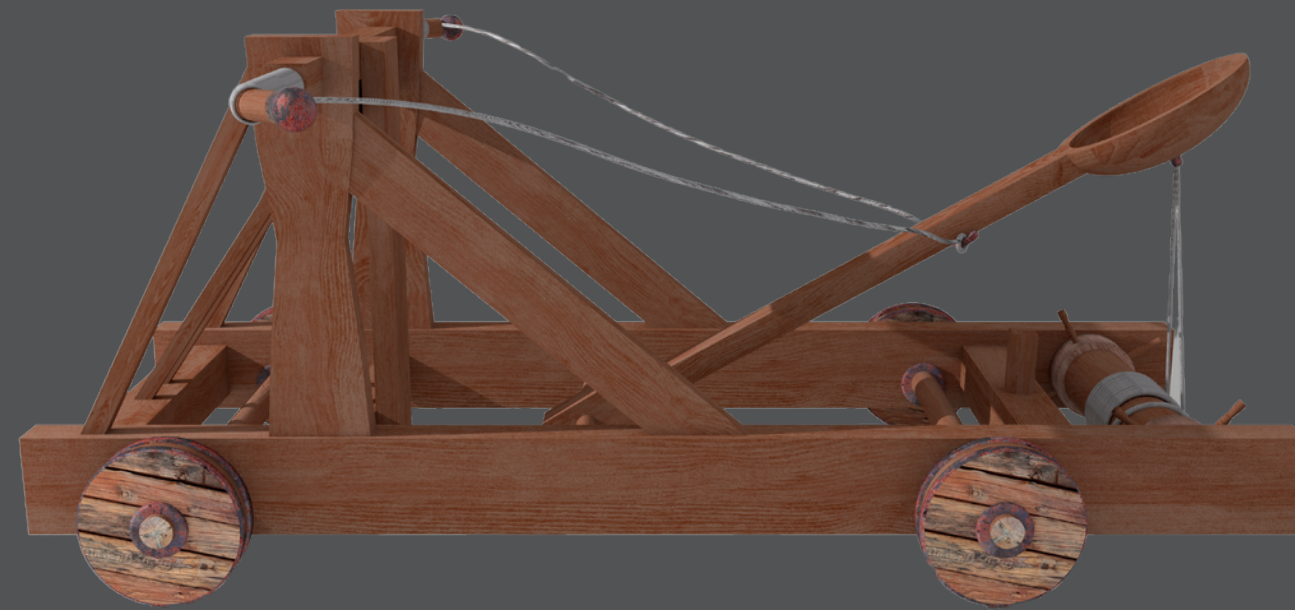


WHAT CLASS OF LEVER?



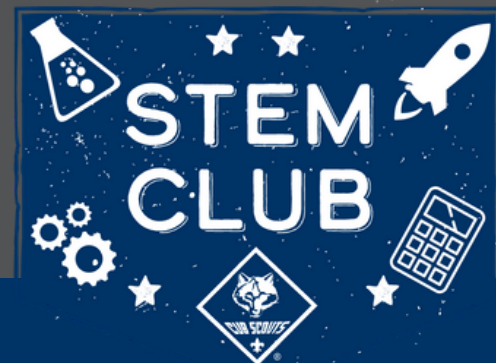
LET'S BUILD!

- CATAPULT #1 - BUTTON & COIN LAUNCHER
 - SUPPLIES: RULER, TAPE, MARKER OR ROUND TUBE, SCREW ON BOTTLE CAP, BUTTON OR COINS
- CATAPULT #2 - SPOON-A-PULT
 - SUPPLIES: A SPOON (A PLASTIC ONE WORKS BEST)



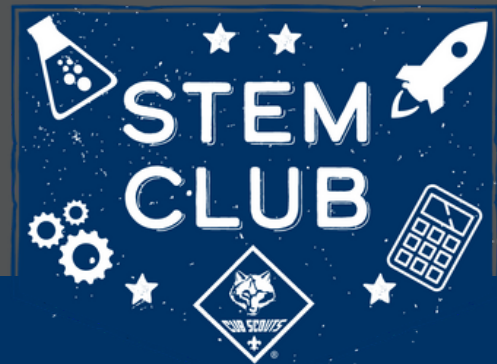
CATAPULT #1 - BUTTON LAUNCHER

- SUPPLIES: RULER, TAPE, MARKER OR ROUND TUBE, SCREW ON BOTTLE CAP, BUTTON OR COINS



CATAPULT #2 - SPOON-A-PULT

- SUPPLIES: A SPOON (PLASTIC WORKS BEST)



WEEK 2 STEM CLUB NOTES

SWING

TOPIC COVERED:

- Lever Classes 1, 2 and 3
- Built 2 Catapults

FURTHER QUESTIONS:

MAIN TAKEAWAYS:

ADDITIONAL NOTES:

LEARN MORE BY READING OR WATCHING:

- <https://youtu.be/lueqE0lxLyc>
- Technologystudent.com Website: www.technologystudent.com/forcmom/lever1.htm

