

STEMGuyana

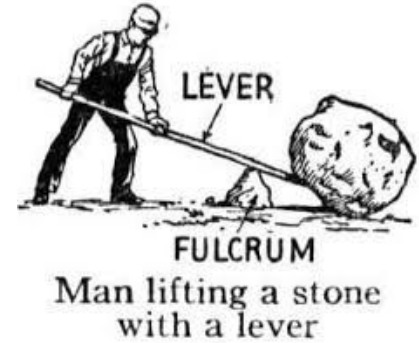
Lesson Plan 2

2023

Good day students!

Today's themes are:
Principles of a lever & The
Use of Weights and Pulleys!

Read p.26 out loud with a partner!



More about levers!



What do you remember from about levers?

- What is 1 example of a lever in real life?
- What can a lever be used to do?
- What are the parts of a lever?
- What is a lever classified as?

Weights and Pulleys!

Read p.31 out loud with a partner



- What do you call the thing that's being lifted?
- Why are pulleys helpful?
- What are pulleys classified as?
- What are the parts of a pulley?
- What are some real-life pulleys?

LET'S GET TO WORK!

2 Groups

- Scratch Programming Team
- Robotics Team



Scratch Programming Team -- Levers or Pulleys

Review Scratch coding tutorial 1B

- Create a Scratch Animation that shows something you learned today about levers or pulleys!
- You can
 - Create a voice recording explaining the concept
 - Create a comic where your sprites are talking about levers or pulleys
 - Research and Create an animation about real-life levers or pulleys
 - **Anything! As long as it includes something you learned today**
- Ask anyone on the STEM Team if you need help!

Robotics Team -- Build any robot from MRT3-1!

- Make robot #1 on Pg. 32-- Discuss its shape!
- Make Sports Car and prepare to race *p.43, orange book*

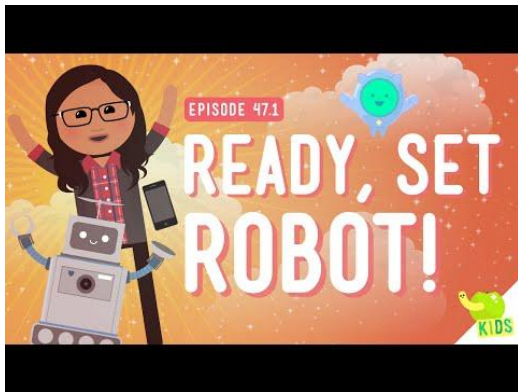
Math - Register on the www.k12ed.live site

**Learning pod students are already registered

**STEM club students register as "STEM club" and then as "Student"

Once you have registered, complete the first lesson in Math for your grade.

Bonus video



SWAP

Now it's time to swap teams everyone! Break down your robots and clear your Scratch programs!