Week of: March 21 - March 25 **NOTES:**

Math | 4 PLC Questions:

1. What do we want students to know and learn?
   - 4.8 The student applies mathematical process standards to select appropriate customary and metric units, strategies, and tools to solve problems involving measurement.
     - **(C) solve problems that deal with measurements of length, intervals of time, liquid volumes, mass, and money using addition, subtraction, multiplication, or division as appropriate**
2. How will we know if students have learned?
   - Students will take a CFA over measurement of length, volume, and mass on Wednesday and a grade over 4.8C on Thursday
3. How will we respond when students do not learn?
   - Students who do not meet expectations on the CFA will be pulled to the teacher table on Thursday before they complete their graded activity in order to clarify any misconceptions.
4. How will we enrich and extend the learning for students who are proficient?
   - Head expanders #6

Science | 4 PLC Questions:

1. What do we want students to know and learn?
   - **4.6 Force, motion, and energy. The student knows that energy exists in many forms and can be observed in cycles, patterns, and systems. The student is expected to:**
   - (D) design a descriptive investigation to explore the effect of force on an object such as a push or a pull, gravity, friction, or magnetism
   - 4.6 Force, motion, and energy. The student knows that energy exists in many forms and can be observed in cycles, patterns, and systems. The student is expected to:
   - (A) differentiate among forms of energy, including mechanical, light, sound, and thermal
2. How will we know if students have learned?
   - Students will take an assessment over matter, force, and motion on Tuesday
3. How will we respond when students do not learn?
   - Students who do not meet expectations on their test will be pulled to the teacher table on Tuesday to discuss misconceptions and correct errors.
4. How will we enrich and extend the learning for students who are proficient?
   - Energy Robot

Date	Math	Science

MONDAY Mar. 21 **Guidance** 9:10-9:30 (Duehr) 9:40-10:00 (Lutz) 1:00-1:20 (Duehr-T) 2:00-2:20 (Lutz-S)	**TEK(S):** 4.8C **I CAN:** solve problems of measurement involving length. MINI LESSON • Lesson 6.6 Problem Poser card 15 SMALL GROUP 86_Solving_Measurement_Problems_Act_1.pdf INDEPENDENT WORK Tough Teaser card 15 Fact Finder card 6 **SUBMIT:** Think Tank Cards in Seesaw	**TEK(S):** 4.6D **I CAN:** conduct an investigation to communicate how gravity affects an object. MINI LESSON Use the Talk Read TAlk Write Gravity (SP) presentation to deepen students' understanding and provide opportunities for students to develop the academic language needed to deeply understand gravity. Finish the TRTW Today. **SUBMIT:** GRADE: Gravity and Friction Seesaw Post
TUESDAY Mar. 22	**TEK(S):** 4.8C **I CAN:** solve problems of measurement involving liquid volumes. MINI LESSON • Lesson 6.7 88_Solving_Measurement_Problems_Act_3.pdf Problems 1 & 2 together as whole group SMALL GROUP Problems 3 and 4 and written communication on Engaging Math page INDEPENDENT WORK Capacity Coonversions .pdf - ignore the spelling mistake lol **SUBMIT:** 4 Problems from Teach Transform	**TEK(S):** 4.5A, 4.5B, 4.6D **I CAN:** review the unit 6 material for my test. MINI LESSON Deal or No Deal -18 questions **SUBMIT:**

WEDNESDAY Mar. 23	**TEK(S):** 4.8C **I CAN:** solve problems of measurement involving mass. MINI LESSON ● Lesson 6.8 Game Changer card 18 - add in converting the grams to milligrams SMALL GROUP Weight Conversions .pdf INDEPENDENT WORK CFA: Length, Capacity, Weight Rubric **SUBMIT:** CFA in Seesaw	**TEK(S):** 4.5A, 4.5B, 4.6D **I CAN:** show what I know on my unit 6 force, motion, and energy test. MINI LESSON Test in Edugence **SUBMIT:** GRADE: Unit 6 Assessment
THURSDAY Mar. 24	**TEK(S):** 4.8C **I CAN:** solve problems of measurement involving length, liquid volume, and mass MINI LESSON ● Lesson 6.9 Envisions page 723 #5-6 SMALL GROUP Go over CFA Enrichment: Think Tank Card, Head Expanders INDEPENDENT WORK Envisions page 724 #7-12 **SUBMIT:** Grade: Envision pg. 724	**TEK(S):** 4.6A **I CAN:** define unit 7 vocabulary MINI LESSON 4_U7_L01_EnergyandElectricityLaunch Pass out Unit 7 Study Guide —sent to print INDEPENDENT WORK The following words were critical vocabulary words from a previous grade and can be used to activate prior knowledge. Use the Unit 2 Words We Know (SP) presentation and click on the image to roll the dice at Dice Roller or use a number cube. ● energy ● sound energy ● light energy ● thermal energy ● mechanical energy ● inference ● claim ● evidence ● data ● record ● problem ● test ● solution ● design

		• technology For each word, students work individually or in groups to follow the directions based on the number rolled on the cube. 1: Act it out. 2: Give an example of it. 3: Use it in a sentence. 4: Connect it to your life. 5: Draw it. 6: Say what it means. -Do this in notebook Student can sketchnote 8 vocabulary words My Pencil Made Me Do It: A Beginners Guide To Sketchnoting In... **SketchNotes Template** **SUBMIT:** Vocabulary words
FRIDAY Mar. 25	**TEK(S):** 4.8C **I CAN:** solve problems with elapsed time on a numberline. MINI LESSON • Lesson 6.10 4_U6_Measurement: Elapsed Time SMALL GROUP Envisions page 735 #1-5 INDEPENDENT WORK • What is elapsed time? • What are some different types of elapsed times? • What is a strategy for determining elapsed time? How do you know the strategy works? Put these questions in Seesaw **SUBMIT:** 3 Reflection Questions	**TEK(S):** 4.6A **I CAN:** differentiate between forms of energy including mechanical, light, sound and thermal. MINI LESSON 4_U7_L02_Forms of Energy INDEPENDENT WORK Use the Talk Read Talk Write Forms of Energy (SP) presentation to introduce students to various forms of energy. --Organizer sent to print with reading **SUBMIT:** CFA from writing portion of TRTW *Ashley starting this on Monday - wrapping up vocabulary and redoing science tests that are needed.