Physical Science 2024

Week 16

December 2 – December 6

CER Week

Mon 12/02

* The Rocky Song
* TEST IS ON FRIDAY
* CER: How is pitch affected by length of an instrument? Use your handouts as guide. Write out the question, list evidence & reason how the evidence supports your claim (frequency & pitch lab) (ask students where evidence comes from)
* (evidence used this year was “what is a wave” (with the kazoo), “what is sound” (backside of what is a wave & it defined pitch) + “frequency & pitch activity” (showed that different people hear better than others)
* Use the CER template

Tu 12/03

* Assignment choice of doing rough draft for Friday test or CER below, depending on how they did on the Monday CER
* High Frequency Sound Waves CER
* Time permitting, students put the template together as a single doc with CER

Wed/Thurs

* Choice of continuing work on test rough draft if students need or doing CER below
* CER: How are wave properties on a vibrating string related to each other? Use handouts, turn in by end of class (Phet wave on a string) (evidence??)
* From pHet Wave on a String
* <http://phet.colorado.edu/sims/html/wave-on-a-string/latest/wave-on-a-string_en.html>
* Choose which question you will use for tomorrow

Fri 12/06

* TEST: For students doing the Rainbow CER, Teacher returns your 20 questions CER work from before the break
* Begin CER on one of the two questions that you chose
* Students get the CER template to fill out
* Will continue Monday if needed
* TEST: Some students will do CER iS Light a Particle or a Wave using assignments from last week
* For particle/wave CER (use previous work)
* ALL WORK TURNED, WILL RETURN WORK ON MONDAY IF NEEDED

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