Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Math 8 / Science Checklist: Q2 W 7-8 December 11th – December 19th**

**Big Ideas:**

|  |  |
| --- | --- |
| **Math**   * Multiplying numbers in scientific notation * Dividing numbers in scientific notation | **Science**   * Water-wise water park project * What did we learn about Atoms? |

**Upcoming Dates:**

* 12/14: Advisory
* 12/13: Science Test Correction Due
* 12/19: Math Study Guide Test Corrections Due
* 12/15: Math Assessment (8th Exponents, 7th Ratios)
* 12/18 and 12/19: Water-Wise Water Park Presentations
* 12/19: Digital Citizenship Canvas Course Due
* 12/19: Math Assessment Test Corrections Due

**Shelfwork: Show All Work. Explore work is to be checked against the control and then marked complete in class.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **⬜Math Lesson #1:**  More with scientific notation | **⬜Math Lesson #2:**  Multiplying/dividing numbers in scientific notation \_\_\_\_% | **⬜Lesson #1**  **Atomic Structure PP** |
| Explore | * Record and complete interactive: <http://bit.ly/2jlQ1sE> (\_\_\_\_✓, M, 0) (G)   **Choose 1:**   * What does the fairy queen like best about her job? (\_\_\_\_✓, M, 0) (G) * Warm up activity #4 Understanding components of scientific notation (\_\_\_\_✓, M, 0) (G) | * Multiplying and dividing using scientific notation (Even or odd) (G) (\_\_\_\_✓, M, 0)   **Choose 1:**   * Applications of scientific notation (G) (\_\_\_\_✓, M, 0) * Operations with scientific notation versatile (G) (\_\_\_\_✓, M, 0) | * Atomic Structure and the Periodic Table(Use with the Atomic Board) (\_\_\_\_✓,M,0) * Atomic Structure Worksheet (\_\_\_\_✓,M,0) |
| Expand | * Practice Exercises (pg 139 - 140) (\_\_\_\_\_%) | * Practice Exercises (pg 151-152) (\_\_\_\_\_%) | * Periodic Table Assessment (In Expand Binder) (\_\_\_\_\_%) * Atomic Structure Assessment (In Expand Binder) (\_\_\_\_\_%) |
| Extend | Choose 1:   * Create AND teach a product (see NEW rubric) (\_\_\_\_\_%) * Apply: How can you compare really tiny and really huge measurements? (Purple book, pg. 141-142) (\_\_\_\_\_%) | Choose 1:   * Create AND teach a product (see NEW rubric) (\_\_\_\_\_%) * Apply: How much does a person need to eat to match the appetite of a blue whale? (purple book pg. 153-154) (\_\_\_\_\_%) | Choose 1:   * Create AND teach a Science product about Atomic Structure or Use of the Periodic TAble (see NEW Extend rubric) (\_\_\_\_\_%) * “Matter” Unit Assessment (In Extend Binder) * Ask Mr. Doug or Mr. Brian About Editing The Periodic Table Card Sort (\_\_\_\_✓,M,0) |



**Work Plan:**

|  |  |
| --- | --- |
| Week 7 | Week 8 |
| Monday: | Monday: Water Park Presentations and peer observation |
| Tuesday: | Tuesday: Water Park Presentations and peer observation |
| Wednesday: | Wednesday:  No School |
| Thursday: Finalize Water park project presentation | Thursday:  No School |
| Friday: Math Assessment | Friday:  No School |

**Homework:** (All assignments are due the next day you have Math and MUST be checked with the control if not a video/lesson):

* Monday 12/11 ***Multiplying numbers in scientific notation*** *and* ***Dividing numbers in scientific notation*** EdPuzzle video with notes
* Tuesday 12/12: **Both Crash Course Atomic Structure Videos** on EdPuzzle
* Wednesday 12/13:Review Water-Park Project with the rubric and prepare for presentation on Monday
* Thursday 12/14: Study for Math Assessment by reviewing Notes **and** re-watch EDPuzzle Videos
* Friday 12/15 Organize binder, review Water-Park Project and complete missing work as needed
* Monday 12/18: Finish Explore works from the checklist and catch up on missing homework videos.
* Tuesday 12/19: ***Organize your backpack and put it away someplace safe for the winter break***