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)
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**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***