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

**Math 8 / Science Checklist: Q2 W 5-6 November 27th – December 8th**

**Big Ideas:**

|  |  |
| --- | --- |
| **Math*** Laws of Exponents (continued)
* Scientific Notation
 | **Science** * What is a watershed and what do they do for me?
 |

**Upcoming Dates:**

* 11/30: Advisory (mindfulness)
* \_\_\_\_ : Science Hydrology Assessment
* \_12/6\_\_: Early release

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **⬜Science Lesson #1**Wetlands | **⬜Math Lesson #1:**Dividing with exponents \_\_\_\_% | **⬜Math Lesson #2:** Laws of exponent review **(rewatch any exponent video)** | **⬜Math Lesson #3** Positive Scientific Notation **\_\_\_\_%** | **⬜Math Lesson #4**Negative Scientific Notation **\_\_\_\_%** |
| Explore  | * Discovery Ed. Watersheds, wetlands and Estuaries (\_\_\_\_✓,M,0)
 | * Dividing with exponents versatile (\_\_\_\_✓, M, 0) (G)
* Quotient Rule (\_\_\_\_✓, M, 0) (G)
 | * Exponent review #2 (G) (\_\_\_\_✓, M, 0)
* Unit 7 Exponent rules worksheet #2 (G) (\_\_\_\_✓, M, 0)
 | * Visiting Countries Versatile (\_\_\_\_✓, M, 0) (G)
* Positive Scientific Notation (\_\_\_\_✓, M, 0) (G)
 | * This Is Math, Not Science! versatile (\_\_\_\_✓, M, 0) (G)
* Negative Scientific Notation (\_\_\_\_✓, M, 0) (G)
 |
| Expand | * Depending on America’s Wetlands Elaborate with STEM, Wetlands- Strip mall Vs. Wetlands Disc. Ed debate (\_\_\_\_\_%)
* Water Wise Water Park Project (G) (\_\_\_\_\_%)
 | Choose 1:* Discovery Education Unit 1 Exponent assessment (\_\_\_\_\_%)
* Create a product (see sheets in expand binder) (\_\_\_\_\_%)
 | * Create “Laws of Exponents” foldable (include general exponent, Zero exp., Negative exp., Product, Power of power, and Quotient rules) (\_\_\_\_\_%)
 | Choose 1:* Create a product (see sheets in expand binder) (\_\_\_\_\_%)
* All for a WALK on the MOON (\_\_\_\_\_%)
* Scientific notation in the real world (\_\_\_\_\_%)
 | Choose 1:* Comparing Numbers in Scientific notation: Worksheet (\_\_\_\_\_%)
* All for a WALK on the MOON (\_\_\_\_\_%)
* Scientific notation in the real world (\_\_\_\_\_%)
 |
| Extend | * Create AND teach a Science product about any Water (see NEW rubric) (\_\_\_\_\_%)
* Water and Hydrology Tic-Tac-Toe(\_\_\_\_\_%)
 | * Create AND teach a product (see NEW rubric) (\_\_\_\_\_%)
 | Choose 1 apply:* Pg. 15-16 or Pg. 25-26 (purple book) (\_\_\_\_\_%)
 | * Create AND teach a product (see NEW rubric) (\_\_\_\_\_%)
 | * Create AND teach a product (see NEW rubric) (\_\_\_\_\_%)
 |



**Work Plan:**

|  |  |
| --- | --- |
| Week 5 | Week 6 |
| Monday: | Monday: |
| Tuesday: | Tuesday: |
| Wednesday: | Wednesday:Early Release |
| Thursday: | Thursday: |
| Friday: | Friday: |

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

* Monday 11/27: **Dividing with exponents** Edpuzzle video with notes
* Tuesday 11/28: ***What is a Wetland*** and ***Wondrous Wetlands*** video without guided notes. Use note template or Cornell notes
* Wednesday 11/29: Review any Exponent EdPuzzle video
* Thursday 11/30: Re-watch a previous video or catch up on unfinished work
* Friday 12/01 Organize binder and complete missing work as needed
* Monday 12/04: **Positive Scientific Notation**EdPuzzle video with notes
* Tuesday 12/05: **Negative Scientific Notation** EdPuzzle video with notes
* Wednesday 12/06: **Early release day!** Review videos and notes
* Thursday 12/07: **Multiplying numbers in Scientific Notation** Edpuzzle with notes (check-in next week)
* Friday 12/08: Organize binder and complete missing work as needed