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