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

**Math 8 / Science Checklist: Q2 W 3-4 November 13st – November 21st**

**Big Ideas:**

|  |  |
| --- | --- |
| **Math**   * Properties of Exponents * Operations with exponents | **Science**   * Science: Hydrology   + Oceans and climate   + Ocean Zones |

**Upcoming Dates:**

* 11/13: Advisory (service learning)
* 11/13: Water in America: Is it safe to Drink? - Seminar
* 11/21: Create CFNC Account (\_\_\_\_✓, M, 0)
* 11/15: Math Assessment Corrections DUE 11/15 Equations and inequalities (\_\_\_\_\_%)
* 11/21: Science Study guide DUE AND all work from checklist due at end of class

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **⬜**Math Lesson #1:  **Negative and zero exponents \_\_\_\_%** | **⬜Science Lesson #1**:  Oceans and Climate \_\_\_\_% | **⬜**Math Lesson #2 **Multiplying with exponents \_\_\_\_%** | **⬜Science Lesson #2**  Ocean Zones \_\_\_% | **⬜**Math Lesson #3  **Powers of Powers \_\_\_\_%** |
| Explore | * Exponents (\_\_\_\_✓, M, 0) (G) * Negative and zero exponent Versatile (\_\_\_\_✓, M, 0) (G) | * One ocean, Many Estuaries (G) (\_\_\_\_✓, M, 0) * Stream study lesson (\_\_\_\_✓, M, 0) | * Product Rule (\_\_\_\_✓, M, 0) (G) * Multiplying with exponents versatile (\_\_\_\_✓, M, 0) (G) | * Ocean Zones Graphic Organizer (G) (\_\_\_\_✓, M, 0) | * Powers of powers versatile (\_\_\_\_✓, M, 0) (G) * Power Rule (\_\_\_\_✓, M, 0) (G) |
| Expand | * Create a product (see sheets in expand binder) (\_\_\_\_\_%) * Applying the exponent rule for zero exponents (\_\_\_\_\_%) | * NC River Basins Virtual Field Trip (\_\_\_\_\_%) * Stream Study (\_\_\_\_\_%) | Choose 1:   * Create a product (see sheets in expand binder) (\_\_\_\_\_%) * Discovery Education Unit 1 Exponents Assessment | * Stump the test: Hydrology (\_\_\_\_\_%) * Hydrology Study guide (\_\_\_\_\_%) | Choose 1:   * Create a product (see sheets in expand binder) (\_\_\_\_\_%) * Discovery Education Unit 1 Exponents Assessment (complete only once) |
| Extend | * Apply: Can this gadget make an object disappear? (pg. 25-26) (\_\_\_\_\_%) | * Oceans STEM Project starters 1, 2, or 3 (discovery edu) (\_\_\_\_\_%) | * Select an extend from any previous checklist | * Oceans STEM Project starters 1, 2, or 3 (discovery edu) (\_\_\_\_\_%) | * Apply: Why are these patterns special? (pg. 15 - 16) |



**Work Plan:**

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| --- | --- |
| Week 3 | Week 4 |
| Monday: | Monday: |
| Tuesday: | Tuesday: |
| Wednesday: | Wednesday:  No school |
| Thursday: | Thursday:  No school |
| Friday: | Friday:  No school |

**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 11/13: Negative and zero exponents video with notes
* Tuesday 11/14: Ocean zones video with notes
* Wednesday 11/15: Multiplying with exponents video with notes
* Thursday 11/16: Powers of Powersvideo with notes
* Friday 11/17: Review and organize binder and complete missing work as needed
* Monday 11/20: Review videos as needed
* Tuesday 11/21: Enjoy the holiday! Review and organize (Math and Science) and/or complete missing assignments