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:**

|  |  |
| --- | --- |
| 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