Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Community:\_\_\_\_\_\_\_ Dates:\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_

**8 Math /Math 1/ Science Q1 W3 & W4**

**Big Ideas:**

|  |  |  |
| --- | --- | --- |
| General   * Finalize fall camp | Math   * Frequency and Histograms 12.2 * Measures of Central Tendency and Dispersion 12.3 * Box and Whisker Plots 12.4 (next checklist) | Science   * Atomic Structure * Periodic Table Organization |

**Upcoming Dates: *(Not shelf work)***

* Fall Camp Date: \_\_\_\_\_\_to\_\_\_\_\_\_\_\_
* Binder, Portfolio (and Portfolio reflections) and Planner check (\_\_\_\_✓, M, 0)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Shelfwork:** | Science Lesson #1:   * Atomic structure | Math Lesson #1:   * Frequency and histograms | Science Lesson #2:   * Periodic table | Math Lesson #2:   * Measures of central tendency and dispersion | Science Lesson #3:   * Periodic table organization * Know your element introduction |
| **Explore** | * Atoms Family (\_\_\_\_✓, M, 0) * Create Origami Periodic Table Cube (see instructions) (\_\_\_\_✓, M, 0) | * 12-2 Reteaching (\_\_\_\_✓, M, 0) * 12-2 Puzzle (\_\_\_\_✓, M, 0) | * Origami Cube-Side 1: Element Information (\_\_\_\_✓, M, 0) * I.D. unknown elements pg. 1 (\_\_\_\_✓, M, 0) * Find that element pg.2 (\_\_\_\_✓, M, 0) | * 12-3 Reteaching (\_\_\_\_✓, M, 0) * 12-3 Puzzle (\_\_\_\_✓, M, 0) | □ Periodic Table Color Coding (two pages) (\_\_\_\_✓, M, 0) |
| **Expand** | Cube project , side 1 (\_\_\_\_\_\_%) **AND**  Choose 1:   * Design a poster that explains how to design an experiment (\_\_\_\_\_\_%) * Journal (1 full page) about how our theme relates experimental design (\_\_\_\_\_\_%) * Using the newspaper, find three examples of situations that deal with the scientific method (\_\_\_\_\_\_%) * Design a comic that explains how to design an experiment (\_\_\_\_\_\_%) | Choose 1: formal   * Create a card layout (\_\_\_\_\_\_%) * Create a product card. (See Card packet) (\_\_\_\_\_\_%) | Cube project, side 2 (\_\_\_\_\_\_%) **AND**  Choose 1:   * Design a poster that explains how to design an experiment (\_\_\_\_\_\_%) * Journal (1 full page) about how our theme relates experimental design (\_\_\_\_\_\_%) * Using the newspaper, find three examples of situations that deal with the scientific method (\_\_\_\_\_\_%) * Design a comic that explains how to design an experiment (\_\_\_\_\_\_%) | Choose 1: formal   * Create a card layout (\_\_\_\_\_\_%) * Create a product card. (See Card packet) (\_\_\_\_\_\_%) | Choose 1:   * Design a poster that explains how to design an experiment (\_\_\_\_\_\_%) * Journal (1 full page) about how our theme relates experimental design (\_\_\_\_\_\_%) * Using the newspaper, find three examples of situations that deal with the scientific method (\_\_\_\_\_\_%) * Design a comic that explains how to design an experiment (\_\_\_\_\_\_%) |
| **Extend** | None | * 12-2 Enrichment (\_\_\_\_\_%) |  | * 12-2 Enrichment (\_\_\_\_\_%) | Choose 1: |

**Choice Reloop:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Science | Math | Science | Math | Science |
| Review | Choose 1:   * Re-watch video lesson * Review lesson notes (make hand written copy) * Request a mini lesson | Choose 1:   * Re-watch video lesson * Review lesson notes (handwritten copy) * Request a mini lesson | Choose 1:   * Re-watch video lesson * Review lesson notes (handwritten copy) * Request a mini lesson | Choose 1:   * Re-watch video lesson * Review lesson notes (handwritten copy) * Request a mini lesson | Choose 1:   * Re-watch video lesson * Review lesson notes (handwritten copy) * Request a mini lesson |
| Revisit Explore | Choose 1 from Explore on last checklist | Choose 1 from Explore on last checklist | Choose 1 from Explore on last checklist | Choose 1 from Explore on last checklist | Choose 1 from Explore on last checklist |



**Work Plan\*:**

|  |  |
| --- | --- |
| Day 1 |  |
| Day 2 |  |
| Day 3 |  |
| Day 4 |  |
| Day 5 |  |



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

* Monday 9/11: 12.2 Frequency and histograms video notes on own <https://www.youtube.com/watch?v=L8uXkjUrIIY>
* Tuesday 9/12:Periodic Table Video Notes <https://www.youtube.com/watch?v=wU8d53jlZ_4>(\_\_\_\_✓, M, 0)
* Wednesday 9/13 Video notes on own [**Lesson 12-3: Finding mean, median, and mode(s)**](https://www.pearsonsuccessnet.com/content/HVT_English/academy123_content/wl-book-demo/ph-022s.html) AND [**Lesson 12-3: Finding range and using it to compare the spread of two sets of data**](https://www.pearsonsuccessnet.com/content/HVT_English/academy123_content/wl-book-demo/ph-148s.html)
* Thursday 9/14: 12.4 Box and Whisker plots video notes on own <https://www.youtube.com/watch?v=GMb6HaLXmjY> check-in next checklist
* Friday 9/15: Finish Fall Camp packing and remember to **bring your camp supplies and a bagged lunch on Monday!**

Notes

Atomic Structure Video Notes <https://www.youtube.com/watch?v=PbxCRu3RiSc>(not to be included on checklist):

on the check-in as well as things to work on!)