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| Lesson | Topic / Web Link | Overview of Lesson | LessonLength |
|  | week 1: 8/3 - 8/7 | SAFETY – COMMUNITY – PROCEDURES  CYCLE OF EXPERIMENTATION |  |
| 1 | expectations  scientific notation  community building prior knowledge | Welcome, routines & expectations – ADULT BEHAVIOR  quick lesson on converting into and out of scinot  ***welcome to chemistry bingo***  hwk: scientific notation review | 1 |
| 2 | scientific notation | collect hwk/attendance  form groups using playing cards  take [group] ***scinot quiz #1*** (on basic conversions)  distribute new hwk as groups finish and their cards and quizzes are collected  redistribute quizzes and grade as a class (reteach) | 1 |
| 3 | safety | Stamp hwks that show evidence of effort. Do not collect yet.  **Safety test** during stamping/attendance  direct instruction of scinot operations algorithms for hwk – give 1 more day to complete it  ***Zombie College* video** (11 min)  hwk: **safety contract** & scinot practice | 1 |
| 4 | safety  cycle of experimentation | collect hwk & safety contracts  Safety test corrections & retakes  activity - **Can you use a ruler?** (use of metric units, data analysis, writing a procedure) | 1 |
| 5 | cycle of experimentation | **lab – accuracy and precision** (t-b balance & graduated cylinder) | 2 |
|  | week 2: 8/10 – 8/14 | CYCLE OF EXPERIMENTATION |  |
| 6 | cycle of experimentation | lab – accuracy and precision (t-b balance & graduated cylinder) |  |
| 7 | cycle of experimentation | **lab – properties of matter** (intrinsic/extrinsic; mass, volume, density) | 3 |
| 8 | cycle of experimentation | continue lab |  |
| 9 | cycle of experimentation | complete lab |  |
| 10 | data analysis introduce unit 1 | discuss lab and collect  intro. culminating task – **elements of a cell phone** | all sem. |
|  |  | END OF UNIT |  |