|  |  |  |
| --- | --- | --- |
|  |  |  |
| 4th 6 weeks | Day 1 | Day 2 |
| Week 1  1/6  Chapter 8 | 2.1D Video: Playing God  Webquest: creating a recombinant and Biotechniques | 2.1D VIDEO: Insulin  Paper recombinant activity |
| Week 2  1/13  Chapter 8 | 2.1 E Web:Virtual Transformation | GFP Lab Prep  2.1E Recombinant Product (engage section)  Produce a 3D product/poster |
| Week 3  1/20  Chapter 8 | Nearpod GFP  LAB: GFP | Nearpod GFP  GFP Post lab  Observation Day:  Ipad product: results and recombinant product. Similar???? |
| Week 4  1/27  Chapter 9 | TEST | 2.3B Colum Chrom pre-lab  Colum Chrome lab set up |
| Week 5  2/3  Chapter 9 | 2.3 B LAB: Column Chrome | 2.3B POST lab Column Chrom |
| Week 6  2/10  Chapter 9 | GFP quantify (SDS or Spec) | GFP quantify (SDS or SPEC) |
| Week 7  2/17  Chapter 9 | TEST | MOD A tech park pre-lab pancreas |
| 5th 6 weeks |  |  |
| Week 8  2/24  Chapter 13 | MOD A Tech Park lab pancreas | MOD A Tech park post lab pancreas |
| Week 9  3/3  Chapter 13  LAZARE at SXSWedu | MOD A Tech park GMO lab | MOD A Tech Park GMO post lab |
| 3/10  SPRING BREAK |  |  |
| Week 10  3/17  Chapter 13 | PCR pre-lab and set up | LAB PCR incubate |
| Week 11  3/24 | LAB PCR Gel | PCR Post lab |
| Week 12  3/31  Lazare in BOSTON NSTA 4/2-4/6 | CSI cases | TEST |
| Week 13  4/7 | ELISA pre-lab and set up | LAB ELISA |
| Week 14  4/14 | MOD A review  Introduce MOD B  MOD B Section 1 safety/SOP | MOD B Virtual Bioreactor pre-lab |
| 6th 6 weeks |  |  |
| Week 15  4/21 | MOD B Virtual Bioreactor lab | MOD B Virtual bioreactor post lab |
| Week 16  4/28 | MOD B section 2  KSB for building reactor | MOD B section 2  KSB for building reactor |
| Week 17  5/5 | MOD B section 3  Preparing for experiment | MOD B section 3  Running experiment |
| Week 18 ACC grades due  5/12 | MOD B Section 3  redesigning | MOD B section 3  Conclusions post lab |
| Week 19  5/19 | A and B revisions | A and B revisions |
| Week 20  5/26 | A and B revisions | A and B revisions |
| Week 21  6/2 exams | finals | finals |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |