**Biology Weekly Planner** Week of 8/28/17

Bio.1.1 Understand the relationship between the structures and functions of cells and their organelles.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Day | **Objective** | **Essential question** | **Activities** | **Handouts/\*Homework** |
| Mon 8/28 | Students will understand biomolecules and their functions. | What are biomolecules and what do they do? | -Bus assignments!  -personality cards?  ☺  -Team packet challenge  -Notes | -Week 4 packet  -ppt notes |
| Tues  8/29 | Students will understand biomolecules and their functions. | What are biomolecules and what do they do? | -Team packet challenge II  -Notes  -WQ pg1 | Tropical storm delay!! All students are responsible to make up their work.  <https://www.youtube.com/watch?v=NNijmxsKGbc>  -SIGNED INTERIM due tomorrow 8.30 |
| Wed | Students will understand biomolecules and their functions. | What are biomolecules and what do they do? | --Clicker/review notes  -Activity: Webquest  -Check on bacteria colonies | BACTERIA LAB AND entire webquest due Thursday!!!  Cultural connection- Making vinegar!! <https://www.youtube.com/watch?v=rXDAwCFq6I4>  <https://www.youtube.com/watch?v=YO244P1e9QM> biomolocules |
| Thur | Students will understand biomolecules and their functions. | What are biomolecules and what do they do? | 1st period only= 10 mins to finish bacteria lab  -Notes: enzymes  -Lab: enzymes  REVIEW | Food testing: <https://www.youtube.com/watch?v=sLP8dcnWnJg>  STUDY FOR TEST!! |
| Fri  9/1 | Students will understand biomolecules and their functions. | What are biomolecules and what do they do? | Kahoot review | TEST- Biomolecules  Hand in TUES 9/5!!  -Bacteria lab  -Webquest  -Enzyme lab  <http://www.biologyguide.net/resources/bk/cell_structure_function.php> |

8/28/17 Monday





Nesmith room 206 Ms. Evans

-Back to classroom teams configuration!

-TURN OFF cell phone to hand in, Fold ALL of the following together HAMBURGER style with your name showing in the front: 1) Virtual Lab 2) Lab safety packet 3) ANY make up work you have if it is within the 5 days of an EXCUSED absence.

-Personality cards??

-Packet team challenge!!! (Winners will get a truly insignificant prize + BRAGGING RIGHTS!!)

FINISH PG 1-4 for Tues!!!!

8/29/17 Tuesday





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-Clickers warm up

-Team Challenge 🡪 Part Deux

- webquest

8/30/17 Wednesday





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-TURN in phones and signed progress reports, get clicker and turn on

-Review notes!

-Team webquest: ROLES= BB, LT, PG, CE

-Check on our bacteria colonies ☺

9/1/17





Nesmith room 206 Ms. Evans

-Turn off and turn in electronics. Put signed progress reports in the basket too.

-Get out a BLANK sheet of paper and put your name on it and then copy this data table:

|  |  |  |
| --- | --- | --- |
| Name of test and initial color | What to identify | Positive result |
| Iodine/reddish brown |  |  |
| Biuret/ |  |  |
| Benedicts/ |  |  |
| Ethanol/ |  |  |
| DCPIP/ |  |  |

<https://www.youtube.com/watch?v=sLP8dcnWnJg>

-Lab: Enzymes?

Liver lab: <https://www.youtube.com/watch?v=yaPSdnz4C40>

TEST TOPICS for 9/1 bact lab, Enzyme lab, notes pkt, BOTH ppt notes on biomolecules, all video shorts, all previous quizzes.