**Biology Weekly Planner** Week of 9/12/17

Bio.1.2 Analyze the cell as a living system. Bio.1.2.1 Explain how homeostasis is maintained in a cell and within an organism in various environments (including temperature and pH). Bio.1.2.3 Explain how specific cell adaptations help cells survive in particular environments (focus on unicellular organisms).

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| --- | --- | --- | --- | --- |
| Day | **Objective** | **Essential question** | **Activities** | **Handouts/\*Homework** |
| Mon 9/11 | WIND DAY | WIND DAY | WIND DAY | WIND DAY |
| Tues9/12 | How do different cells survive and function? | Students will understand different cells in terms of survival and function. | -finish notes-PROJECT intro! | Project Team plan sheet due Wed |
| Wed | How do different cells survive and function? | Students will understand different cells in terms of survival and function. | Gummy bear osmosis lab! | -project (team communication)-DRAW gummi bears!! |
| Thur | How do different cells survive and function? | Students will understand different cells in terms of survival and function. | GUMMY bear lab part 2!Finish project :)  | -project (team communication)Gummi bear graph DUE Friday 9/15! |
| Fri9/15 | How do different cells survive and function? | Students will understand different cells in terms of survival and function. | TEST- cells | Read next unit- energy and cells<https://www.ncbi.nlm.nih.gov/books/NBK26882/>  |

9/12/17 Tuesday



Nesmith room 206 Ms. Evans

-hand in electronics/cell phone- put EVERYTHING away in your bookbag!! (yes, this is different)

-Get feedback on quizzes

-Notes: Cell evolution/specialization

-Project planning time!!

* **CELL CITY presentation/project**:  Since you kids have a little bit of time to plan, I wanted to let you know that I have had students use different analogies in the past, i.e.: cell cruise ship, cell space station, cell mall, etc...

Think about what you may want to do:

PRESENTATION:  Introduction of all team members, title page or statement, each team member must present, each team member must EQUALLY be a part of putting together the presentation.

Some general examples:

**Paperslide show**-  <https://www.youtube.com/watch?v=gwBw3U8Rmak>

<https://www.youtube.com/watch?v=G7EoyHw0Tzk>  (can’t see the ribosomes-ugh, and I do **not suggest** printing stuff out)

**Poster presentation**-  <https://www.youtube.com/watch?v=-O7J9pw6mPs>

**Skit/play/song presentation**-  <https://www.youtube.com/watch?v=BusSvrQJuqc>

<https://www.youtube.com/watch?v=rABKB5aS2Zg>

9/13/17 Wednesday



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-Notes: Cell evolution/specialization

-Project planning time!!

|  |  |  |
| --- | --- | --- |
| 1c | 13b | 25d |
| 2c | 14a | 26D |
| 3d | 15d | 27b |
| 4a | 16d | 28b |
| 5c | 17a | 29b |
| 6c | 18d | 30a |
| 7d | 19a | 31d |
| 8c | 20c | 32d |
| 9a | 21a | 33c |
| 10a | 22d | 34c |
| 11c | 23b | 35b |
| 12c | 24b | 36c |

9/14/17 Thursday



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-hand in electronics/cell phone

-Leader feedback and turn in!!

-Gummi Bear lab part 2!!

-FINISH project :)

Gummy bear graph:



