**AP BIOLOGY 2021-22 August 19, 2021**

**Today’s Agenda (Day 2)**

1. Housekeeping Items

🡪 REQUEST FOR ITEMS: a) uncooked spaghetti; b) marshmallow

1. Homework Check:

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1. Class Activity:

🡪 REVIEW: General APA Format Review

🡪 SHARE: Article: “Designer Babies are on the Way: We’re not ready” (2019)

 <https://apple.news/AJKWLfX93QGy3mx5WfilpkA>

 Designer Babies 2021:

<https://www.scientificamerican.com/article/a-new-era-of-designer-babies-may-be-based-on-overhyped-science/>

<https://www.bbc.com/future/article/20210412-the-genetic-mistakes-that-could-shape-our-species>

<https://www.usnews.com/news/health-news/articles/2021-07-01/gene-based-embryo-selection-are-designer-babies-on-the-horizon>

 \*What is your position regarding this topic? Why?

\*Discuss the pros and cons of your position. Try to utilize fact-based details to support each perspective.

\*Why should we care about this topic? That is, how is this relevant to our everyday lives—consider short-term and long-term effects.

HOMEWORK:

* READ: Chapters 1 – 3

Chapter 1 Vocabulary

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| --- | --- | --- | --- | --- | --- |
| Adaptive radiation | Archaea | Bacteria | Bioinformatics | Biology | Biosphere |
| Community | Consumer | Controlled experiment | Deductive reasoning | Dependent variable | DNA |
| Domains | Ecosystem | Emergent property | Eukarya | Eukaryotic cell | Evolution |
| Experiment | Feedback regulation | Gene expression | Genes | Genome | Genomics |
| Hypothesis | Independent variables | Inductive reasoning | Inquiry | Model organism | Natural selection organisms |
| Population | Producer | Prokaryotic cell | Proteome | Proteomics | Qualitative data |
| Quantitative data | Systems biology | Technology | theory |  |  |

REMINDERS:

* Return signed/completed forms:
* AP Form
* Student Handbook Form
* BYOD Form