

**WEEK OF:** October 19, 2020

**CLASS:** Biotechnology – D Block

**TEACHER:** Mrs. Burke

**CONTACT INFO:** [Deborah.Burke@thedeltahighschool.com](mailto:Deborah.Burke@thedeltahighschool.com) (contact via direct email, through Teams, and through Remind = dhsbt2020)

**OBJECTIVES:**

- Explore ethical implications of CRISPR
- Engage in science and society connections through literature
- Increase familiarity with lab supplies/Practice lab techniques
- Identify, read, and summarize scientific articles

**ZOOM LINKS:**

Check TEAMS POSTS for link information (we will use Zoom if it is working, Teams if Zoom is unavailable).

**YOUR ASYNCHRONOUS RESPONSIBILITIES BEFORE ZOOM LESSON #1:**

- Turn in CRISPR article Jigsaw form (Due Oct. 17<sup>th</sup>)

**YOUR RESPONSIBILITIES AFTER ZOOM #1:**

Have notes detailing the learning you've experienced toward meeting the objectives state above. Put these into your Teams > Class Notebook > Class Notes file.

**SYNCHRONOUS MEETING #1:**

- CRISPR ethics exploration

**YOUR ASYNCHRONOUS RESPONSIBILITIES AFTER ZOOM #1:**

- Turn in Kit 3 Lab 1 lab activity response (Due Wednesday Oct. 21<sup>st</sup>)
- Turn in magazine article and additional related resource summaries (Due Wednesday Oct. 21<sup>st</sup>)
- Turn in Medical Ethics Lesson 2 (Due Thursday Oct. 22<sup>nd</sup>)

**YOUR ASYNCHRONOUS RESPONSIBILITIES BEFORE ZOOM LESSON #2:**

- Select virtual lab
- Finish reading "The Immortal Life of Henrietta Lacks" chapter 22 onward

**SYNCHRONOUS MEETING #2:**

- Virtual lab activities

**YOUR ASYNCHRONOUS RESPONSIBILITIES AFTER ZOOM #2:**

- Complete virtual lab response
- Continue with the LAST lab (Box 3, lab 2)

**IDEAS FOR USING YOUR ASYNCHRONOUS TIME:**

Submit Kit 3 Lab 1 response (Teams – Assignment)

Summarize the magazine article and related resource (Teams – Assignment)

Watch lab 3 technique and instruction videos (Teams-Content Library-Labs)

Read lab 3 instructions (Teams-Content Library-Labs)

Write virtual lab response

**DUE DATES:**

- CRISPR article jigsaw form – Saturday Oct. 17<sup>th</sup>
- Lab Kit Round 3 – Lab 1 response due Wednesday Oct. 21<sup>st</sup>
- Lab Kit Round 3 – Read magazine article, locate and read a related online resource, and summarize the two – Wednesday Oct. 21<sup>st</sup>
- Medical Ethics Lesson 2 due Thursday Oct. 22<sup>nd</sup>

**OFFICE HOURS:**

11:45-12:45: email, contact through Remind, message through Teams. Look in Teams Posts for link to video access.