

WEEK OF: 10/12/2020 – 10/16/2020

CLASS: Health A, B, D, E, Blocks

CHECKLIST:

- Part 1: Read about family health history and record notes (40 minutes)
- Part 1: Interview a person over age 50 about health practices and habits and record notes (30 minutes)
- Part 2: Key vocab (20 minutes)
- Part 3: Research into one thing that alters DNA in humans and curate data During Zoom on Thurs/Fri (20 minutes) Record thoughts and questions (10 minutes)
- Part 3: Read about control over health (30 minutes)
- Part 4: Put together argument and prepare to debate in small groups (60 minutes)

TEACHER: Mrs. Lozano

CONTACT INFO:

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OBJECTIVES: By the end of the week you should be able to do the following

- Apply your understanding of the difference between a gene, an allele, a mutation, and a chromosome to readings that discuss how lifestyle can cause DNA damage and how that alters potential health outcomes.
- Consider the habits of your family and how they might impact your perspectives on health and your health in the future.
- Understand and explain this week's vocab: Predisposition, Multifactorial, Hereditary, Lifestyle Factors, Polygenic, Complex Disease, Environmental Factors
- Use what you learn about environment and lifestyle impacts on Genetic expression and/or DNA structure to create and defend a position on the amount of control you have over your health outcomes using quotes and data from 4 highly reliable sources.

CLASSROOM MEETING TIMES:

- A Block – Mon & Thurs, 1:20-2:00 PM
- B Block – Mon & Thurs, 2:05-2:45 PM
- D Block – Mon & Thurs, 2:50-3:30 PM
- E Block – Tues & Fri, 2:50-3:30 PM
- Adv – Tues & Fri, 2:05-2:45 PM

ZOOM LINKS:

- Look for these in the Teams “Zoom Links” channel of your Health class after 12PM, or 1 hour prior to your zoom start.

YOUR ASYNCHRONOUS RESPONSIBILITIES BEFORE ZOOM LESSON #1:

- Open the *Week 6 Genetics Family History Packet* and The *Week 6 Vocab Packet* and Review them.
- ZOOM TIME ON MON/TUES WILL BE 1:1 CONFERENCE TIME AND SMALL GROUP WORK TIME.
- **Show up named, *First Last* – on your school computer.**

YOUR RESPONSIBILITIES AFTER ZOOM #1:

- Email Lozano and your parent with the plan you discuss 1:1.
- Choose a person to interview and schedule a time.

YOUR ASYNCHRONOUS RESPONSIBILITIES AFTER ZOOM #1 (TUES/WED):

- Complete the Family History Packet. Be sure to take good notes.
- Complete the interview with the adult over 50 and the recording sheet and reflection.
- Complete the DNA Vocab sheet & Practice the Vocab for last week and this week daily with Quizlet.

YOUR ASYNCHRONOUS RESPONSIBILITIES BEFORE ZOOM LESSON #2:

All items below can be found on the “Week 6 Lifestyle and DNA Damage Argument” assignments in Teams.

- ZOOM THURS/FRI we will break into small groups and complete the readings putting out notes and thoughts into a PPT and then sharing at the end of class.
- You will be able to use the PPT info to develop and support your argument.
- Post questions for discussion and clarification to this week’s channel. (Week 5 & 6)
- **Show up with your, *First Last* – on your school computer.**

YOUR RESPONSIBILITIES AFTER ZOOM #2:

- Post your “take-aways” from the zoom to our channel.
 - (Can be questions, thoughts, what was interesting, what you wonder.)

YOUR ASYNCHRONOUS RESPONSIBILITIES AFTER ZOOM #2:

- Complete and submit the remainder of the work for this week.
- Prepare and post your argument.
- Reply to 2 people in the Week 5 channel, answering questions or sharing your thoughts. Be sure to cite sources if you are answering questions.

IDEAS FOR USING YOUR ASYNCHRONOUS TIME:

- Work with a friend on the phone, via facetime, via skype etc. to discuss how to strengthen your argument, or ways that people might attack your argument.
- Look into the “Cool Info” page which will be posted into the weekly channel.

- Schedule a time to chat with Lozano or drop in after school or at office hours.

DUE DATES:

- *Week 6 Genetics Family History Packet* and *The Week 6 Vocab Packet* - Wed 9PM
 - (90 min)
- “*Week 6 Lifestyle and DNA Damage Argument*” *Packet* Sunday night at 9 PM.
- (70 min including time provided Thurs/Fri)
- Post your Argument Sunday night by 9 PM. (60 minutes estimated)

TEST DATES:

- Prepare for a virtual Debate on Monday 19th or Tuesday 20th.

OFFICE HOURS:

- Daily from 11:45 to 12:45 via Teams or zoom. (See the “Office Hours” listed in the Class Notebook.)
- Tuesday, Thursday and Friday 3:30 -4:00. Use the link for class.
- Tuesday morning, quiet hang out and work time 10:00 – 12:00. Join other students for a chance to sit, type, and drink coffee together, VIA Teams Office Hours on Teams Class of 2023 Team.
- Please feel free to contact me via email, or messaging on teams.
- Remember that all office hours and meetings are automatically recorded.