Lesson 8 - Genetic changes and disorders

Purpose - Ask questions to clarify relationships about the role of DNA and chromosomes in coding the instructions for characteristic traits passed from parents to offspring.

Warm up - Write and discuss - What is "nature vs. nurture?"



If you talk about psychology with your friends, colleagues, or other people you meet, you might find yourself in the middle of a Nature vs Nurture debate.

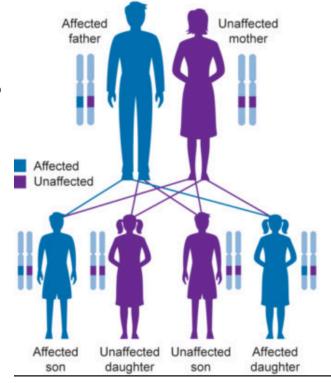
MEANING

NATURE refers to genetics and all the factors that are inherited.

MEANING

NURTURE refers to the variables of the environment: things you get from the world around you after you are born.

- 1. Watch What are genetic disorders? (6 min)
 - a. What is a genetic disorder?
 - b. What are the pros and cons of embryo screening?
- Research Paper about Genetic Disorders -Biology Common Assessment
 - a. Post to Google Classroom.



3. Extra Time - Finish any missing work

Health Sci - Genetic Testing - for example with pregnant moms or looking for genetically inherited diseases.

Engineering - Technique used - How is electricity used in this technique? How is electricity used in other processes, like with electromagnets. Engineers understand properties of materials in order to use them for a task.

Ag - Selective breeding based on DNA