

# Human Genetics

Plan of the Week #10

Continue to check your progress on Schoology, PowerSchool and Wardisiani.com

## 10/25 Monday:

- Journal Entry: In Class Completion
- The Genetics of Behavior: Part A
- Q/A Session

## 10/26 Tuesday:

- Bell-Ringer
- The Genetics of Behavior: Part B

## 10/27 Wednesday:

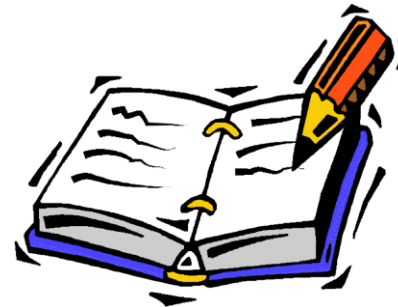
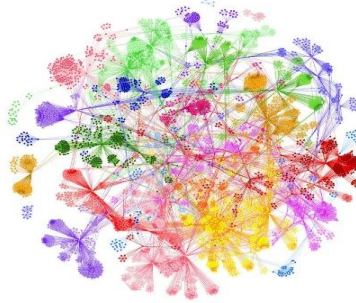
- Writing Prompt: Human Genetics

## 10/28 Thursday:

- Case Studies in Behavior
- Small Group Activity

## 10/29 Friday:

- The Genetics of Behavior: Part C
- Assignment: Week #10 Journal



## Objectives for Week #10

- Using the human genome sequence to analyze more than one gene at a time.
- Applying Mendel's first law to predict the recurrence risks of inherited disorders or traits using Pedigrees and Punnett Squares.
- Identifying the difference between mitochondria, mitochondrial genomes, and mitochondrial genes
- Solving Mendel's first law problems involving X-linked genes.
- Determining how genes and environmental factors frame most traits
- Measuring the genetic contribution to a multifactorial trait through Heritability

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