# ARC Week at Glance: Biology (Ms. West)

**Topic:** Patterns in Heredity & Selection Unit 4 **Course:** Biology

**Grade: 10 Dates: Feb 10 - 14**

Homework Focus: EOC Practice Sets on Progress Learning

| | **Learning Target (I am learning about…)** | **Criteria for Success (I can…)** | **Activation/ Instruction** | **Collaboration/ Guided Practice** | **Independent Learning/ Assessment** |
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| | | | (Include at least one/two formatives*in any part of the lesson as needed) | | |
| **Monday** | I am learning about Mendel's Laws | I can<br>• Explain Mendel's experiments and conclusions<br>• State Mendel's Laws<br>• Solve Punnett Squares using Mendel's Laws | Math Monday Do Now – Calculations/Data Analysis Practice | Intro to Mendel's Laws Nearpod Assignment | Unit 4 PreTest – Progress Learning |
| **Tuesday** | I am learning about probability | I can<br>• Collect data to investigate probability<br>• Write conclusions using data<br>• Apply probability to Punnett square problems | Test Prep Tuesday Do Now – CER writing | Probability Lab – Coin flipping and probability calculations, genetics practice for applications | TOTD: Lab Conclusions |

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| **Wednesday** | I am learning about Punnett Squares | I can solve the following types of Punnett Squares:<br>• Monohybrid (complete dominance, codominance, sex-linkage)<br>• Dihybrid | WIS WIM Wednesday – summarizing information & writing questions | Genetics Practice Stations – Genetics Problem Sets & Punnett Square Practice | TOTD: Punnett Square formative check |
| **Thursday** | I am learning about Punnett Squares | I can solve the following types of Punnett Squares:<br>• Monohybrid (complete dominance, codominance, sex-linkage)<br>• Dihybrid | Throwback Thursday Do Now: Multiple Choice Question with Justification Writing | Genetics Practice Stations – Genetics Problem Sets & Punnett Square Practice | Genetics Assessment Check |
| **Friday** | | | FRQ Friday Do Now: Free Response Question Answer Construction & Revision | Student Holiday | |

Literacy Tasks  Minor Assessment  Major Assessment