

Table 2A. Summary of Genetics Activities

Activity 1: Mitosis and Meiosis

Facts about Mitosis	Similarities	Facts about Meiosis

Summary of Meiosis...How does meiosis relate to the viewer's question?

Activity 2: Blood Type

Summary of the Blood Type video...How can offspring be similar to parents? How can offspring be different from parents?

Activity 3: Karyotypes

What is a Karyotype?	How or why are karyotypes used?	What have you learned?

Summary of Karyotypes...How can a karyotype be useful in finding an answer to the viewer question?

Activity 4: Pedigree Investigator

What is a Pedigree?	What symbols are used in a pedigree?	Why or how are pedigrees used?

Summary of Pedigrees...How can a pedigree be useful in finding an answer to the viewer question?

Activity 5: DNA Fingerprinting

Summary of DNA Fingerprinting...What is DNA fingerprinting? How can DNA fingerprinting be useful in finding an answer to the viewer question?

Activity 6: Forensic DNA

Summary of Forensic DNA...How is forensic DNA used? How could forensic DNA be used in finding an answer to the viewer question?

Activity 7: Punnett Square Quiz and Reflection

Quiz Score	Reflection – What are your areas of weakness in creating and interpreting Punnett squares?

Activity 8: Paper Family

Complete the activity pages for the Paper Family lab. Summarize what you learned from the lab on this page.

Summary of Paper Family Lab...What have you learned from the lab?

The information from this table will be used later to develop your flow chart and final presentations. The more effort you put into learning and summarizing the learning from these activities, the easier it will be to complete the later steps of this project!