**BONE DETECTIVES & DNA DETECTIVES REPORT RUBRIC**

|  |  |
| --- | --- |
|  | **Points** |
| 1. **Introduction - 15 POINTS**    * Headings Clearly Labeled    * Case Description (Location of crime/missing person, position of body parts, types of parts found, etc.    * *½ page to 1 page.* | **15** |
| 1. **Summary of Findings – 40 POINTS**    * Four Traits discussed. Findings are presented in table format and discussed in paragraph form. Conclusions are discussed. Methods of obtaining data included.  * Gender * Ethnicity * Height * Age * Any inconsistencies in data described. * Limitations of methods/tests are discussed * *Depending on method of data tables included. 1-3 pages* | **40** |
| 1. **Further Analysis – 20 POINTS**  * Discuss Facial Reconstruction technique/ how it can be used in this case. * Describe two other tests/types of analysis that could be used. * How are these techniques used and what can we learn from them. * *¾ page to 1 ½ pages* | **20** |
| 1. **Conclusion – 15 POINTS**  * Summary of Skeletal data (restate findings) * Recommendations for the case/investigation. * *2-4 paragraphs* | **15** |
| 1. **Grammar/Formatting – 10 POINTS**    * Grammar is correct, no spelling or punctuation errors.    * Case Study is written in third person. (no I, you, we, they, them)    * Proper Citations | **10** |
| **For the report due after 1.2.3, STOP at this point. The rest of the report will be added after section 1.3**  **Part 1.2.3 Grade** |  |
| 1. **DNA Analysis – 40 POINTS**  * Describes procedure used during electrophoresis process * Describes findings, including data table and/or picture of gel. * Apply concepts of using restriction enzymes to matching missing person with skeletal remains. * Analysis of electrophoresis data, including matching of identity of missing person through DNA procedure. * *1-2 pages* | **40** |
| 1. **Final Conclusion - 20 POINTS**  * Sums up the entire identification experience. * Uses information from both bone detective (1.2.3 ) and DNA analysis (1.3.1) * Final determination of missing person. * *½ page* | **20** |
| 1. **Grammar/Formatting – 20 POINTS**  * Grammar is correct, no spelling or punctuation errors. * Case Study is written in third person. * Proper Citations | **20** |
| **Part 1.3 GRADE** |  |

**NOTES**