**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.
 | **15** |
| 1. **Summary of Findings – 40 POINTS**
	* Four Traits discussed. Findings are 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
 | **40** |
| 1. **Further Analysis – 12 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.
 | **15** |
| 1. **Conclusion – 15 POINTS**
* Summary of Skeletal data (restate findings)
* Recommendations for the case/investigation
 | **15** |
| **For the report due after 1.2.3, STOP at this point. The rest of the report will be added after section 1.3** |  |
| 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** |
| **Extra Credit (5 Points)** | **0** |
| **FINAL GRADE** | **165** |
| **FINAL PERCENT/POINTS** |  **50** |