**How Mutations Work**

For this assignment, complete the worksheet on the following page. Submit as directed by your instructor.

## Grading Criteria

Basic Requirements (the assignment will not be accepted or assessed unless the follow criteria have been met):

* All five questions are answered.
* The answers to each question are thorough and correct.

### Rubric: How Mutations Work

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Outcome: Describe the conversion of DNA to RNA to proteins** | | | | |
| **Criteria** | **Ratings** | | | **Pts** |
| Recognize the impact of DNA mutations. | Answered all 5 questions with complete sentences.  5.0 pts | Answered 4 out of the 5 questions with complete sentences.  4.0 pts | Answered 3 or fewer questions, or did not answer questions with complete sentences.  0.0 pts | 5 pts |
| Summarize the process of genetic translation. | Answered 4-5 of the questions thoroughly and correctly.  5.0 pts | Answered 2-3 of the questions thoroughly and correctly.  4.0 pts | Answered less than 2 questions correctly, or did not expand upon written ideas.  0.0 pts | 5 pts |
| Total points: 10 | | | | |

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* Differentiated Mutation Worksheet. **Authored by**: Ppickwell. **Located at**: [***https://www.tes.com/teaching-resource/differentiated-mutation-worksheet-11646396***](https://www.tes.com/teaching-resource/differentiated-mutation-worksheet-11646396)**License**: [***CC BY-SA: Attribution-ShareAlike***](https://creativecommons.org/licenses/by-sa/4.0/)

