

Science 9 - Genetics and Inheritance Student Assessment of Understanding

For each of the Learning Outcomes listed below, assess your understanding & give evidence supporting your 'grade'. Use the guide below to help you:

EXEM - I understand this so well that I could teach it to someone else and/or I can apply it to different situations.

PROF - I can show you that I know what this means. I can work on activities using this concept independently or with just a little bit of help.

ADEQ - I almost have it - with a little bit of practice and guidance I could show you what it means.

LIM - I am trying but I still need help to understand what to do and I will need to practice more.

Learning Outcome	Assessment	Evidence
<p><i>Describe how DNA is involved in variation of species and how it can be changed both naturally and artificially.</i></p> <p>Steps to this include:</p> <ul style="list-style-type: none">- describe the basic relationship between DNA, genes and chromosomes.- distinguish between mitosis and meiosis and describe each in general.- identify stages in cell division and development that involve doubling and halving of genetic information.- Explain how traits can be passed down using simple dominant-recessive inheritance.- describe the ideas behind the Theory of Natural Selection.- Explain how DNA changes lead to variation.- distinguish between natural and artificial selection and can describe examples of each.- describe simple technologies for recombining genetic information.		

*If you assessed yourself as ADEQ or LIM for any of the above, I want to help you to improve! Please book a time to come in and review the material and get some help.

Scheduled time to meet Mrs. Arsenault: _____