

Science 10

Course Outline

Name: _____

Start Date: _____

Contact Information

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Resources

Website: jadamsteaches.weebly.com
 Textbook: BC Science 10 Connections © 2018
 Supplemental handouts and web activities available on website

	8%	Percent	Weight	Date
Substantial Assignment (Biodiversity)	5%			
Reliable sources assignment	3%			
Unit 1 Genetics: DNA is the basis for the diversity of living things.	23%	Percent	Weight	Date
Genetic Basics Worksheet (textbook)	7%			
Making a Model of DNA Assignment (handout)	3%			
Mendilian Genetics Worksheet (handout)	2%			
Genetic Engineering – Step 1 and 2	4%			
Genetic Engineering – Step 3 (Research Essay)	7%			
Unit 2 Chemistry: Energy change is required as atoms rearrange in chemical processes.	23%	Percent	Weight	Date
Chemistry Worksheet (textbook)	14%			
Chemistry TEST	9%			
Unit 3: Energy is conserved and its transformation affects living things and the environment	23%	Percent	Weight	Date
Physics Worksheet	9%			
Project: Modeling Energy Transfer and Transformation	3%			
Project: Choose ONE Investigation 3A: Build a Rube Goldberg Machine Investigation 3B: Investigate Energy Transformation and Transfer	3%			
Project: Structured Inquiry ONLY Part A <i>How can you model and test the natural and human-induced greenhouse effect?</i>	3%			
Project: 5 minutes documentary on how society can learn from harmful impacts of an energy transformation that interests you or concerns you.	5%			
Unit 4: The formation of the universe can be explained by the big bang theory	23%	Percent	Weight	Date
Astronomy Worksheet	16%			
Unit assignment	7%			
FINAL GRADE	100%			