

Science 9- Course Outline

UNIT 1- BIOLOGICAL DIVERSITY

Classes

Topic 1	Biological Diversity and Survival (+ Scientific Theory and Practice) Warburg School Biodiversity exercise A Classroom of Differences (<i>Lab</i>) Unit 1- Assignment 1 due: Friday September 12th P6	5.0
Topic 2	Habitat and Lifestyle Unit 1- Assignment 2 due: <u>Topic 1 and 2 Test</u>	0.5
Topic 3	Passing it On Unit 1- Assignment 3 due:	
Topic 4	Wearing Your Jeans Unit 1- Assignment 4 due:	
Topic 5	When Plans Change Unit 1- Assignment 5 due: <u>Topic 3,4 & 5 Test</u>	0.5
Topic 6	The Best Selection Unit 1- Assignment 6 due:	
Topic 7	The Sixth Extinction Unit 1- Assignment 7 due:	
Topic 8	Pains and Gains Unit 1- Assignment 8 due: <u>Topic 6,7 & 8 Test</u>	0.5
	Unit Exam	1.0
	Approximate Total:	27.0

UNIT 2- Matter & Chemical Change

Classes

Topic 1	Exploring Matter Unit 2- Assignment 1 due:	
Topic 2	Changes in Matter Unit 2- Assignment 2 due:	
Topic 3	What Are Elements? Unit 2- Assignment 3 due:	
	<u>Topic 1,2 & 3 Test</u>	0.5
Topic 4	Classifying Elements Unit 2- Assignment 4 due:	
Topic 5	The Periodic Table Unit 2- Assignment 5 due:	
Topic 6	Chemical Compounds Unit 2- Assignment 6 due:	
	<u>Topic 4,5 & 6 Test</u>	0.5
Topic 7	Chemical Reactions Unit 2- Assignment 7 due:	
Topic 8	Reaction Rate Unit 2- Assignment 7 due:	
	<u>Topic 7 & 8 Test</u>	0.5
	Unit Exam	1.0
	Approximate Total:	27.0

UNIT 3- Environmental Chemistry

Topic 1	A Hair-raising Dilema Unit 3- Assignment 1 due:	
Topic 2	A Growing Concern Unit 3- Assignment 2 due:	
Topic 3	How Do You Spell Relief? Unit 3- Assignment 3 due:	
	<u>Topic 1,2 & 3 Test</u>	0.5
Topic 4	How Much Is Too Much? Unit 3- Assignment 4 due:	
Topic 5	Getting Away From It All Unit 3- Assignment 5 due:	
Topic 6	Not In My Back Yard: There Is No "Away" in Throwing Unit 3- Assignment 6 due:	
	<u>Topic 5 & 6 Test</u>	0.5
	Unit Exam	1.0
	Approximate Total:	27.0

UNIT 4- Electrical Principles And Technologies

Topic 1	Electrical Charges Unit 4- Assignment 1 due:	
Topic 2	Electricity Within a Circuit Unit 4- Assignment 2 due:	
Topic 3	Resisting the Movement of Charge Unit 4- Assignment 3 due:	
	<u>Topic 1,2 & 3 Test</u>	0.5
Topic 4	The Energy Connection Unit 4- Assignment 4 due:	
Topic 5	Portable Power Unit 4- Assignment 5 due:	0.5
	<u>Topic 4 & 5 Test</u>	
Topic 6	Generators and Motors Unit 4- Assignment 6 due:	
Topic 7	Electricity in the Home Unit 4- Assignment 7 due:	
Topic 8	Electricity Production and the Environment Unit 4- Assignment 8 due:	
	<u>Topic 6, 7 & 8 Test</u>	0.5
	Unit Exam	1.0
	Approximate Total:	27.0

UNIT 5- Space Exploration

Topic 1 For Our Eyes Only

Unit 5- Assignment 1 due:

Topic 2 Stronger Eyes and Better Numbers

Unit 5- Assignment 2 due:

Topic 1 & 2 Test

Topic 3 The Spectroscope: New Meanings in Light

Unit 5- Assignment 3 due:

Topic 4 Bigger and Smarter Telescopes

Unit 5- Assignment 4 due:

Topic 5 What Channel Is That?

Unit 5- Assignment 5 due:

Topic 3, 4 & 5 Test

Topic 6 Above the Atmosphere and Under Control

Unit 5- Assignment 6 due:

Topic 7 The Solar System Up Close

Unit 5- Assignment 7 due:

Topic 8 People in Space

Unit 5- Assignment 8 due:

Topic 6, 7 & 8 Test

0.5

Unit Exam

1.0

Approximate Total: 27.0