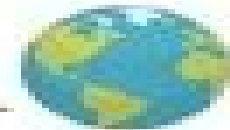


Environmental Science

Roy and Dora Whitman Academy



8th Period Room 502

Instructor:

Mr. Chris Tennant

Email: ctennant@whitmanacademy.edu

Cell Phones: 0779944933 (Preferred method of contact)

Textbook and Materials:

"Pearson Environmental Science"

This class also requires:

- A notebook for notes
- Pens/pencils
- Loose-leaf paper for classwork
- A calculator

Class Description:

This course will cover the environmental sciences at approximately an 11th grade level, with a strong emphasis on field studies, labs, and classroom activities to help students understand and interact with the material as much as possible. The major focuses of the course are ecology, human impact and interaction with the environment, and the politics of environmental science. The curriculum schedule is covered below.

Labs:

Labs will take place once per week, normally on Wednesdays. The purpose of labs is to help students interact with the material in a hands-on fashion, allowing themselves time to test new things and think critically about what we're learning. Labs are worth 15-25 points each and will always be done in groups. I consider labs to be one of the most important parts of this class, so I try to put a lot of work into them. We spend the majority of each week building up to the lab, and the last day of the week reflecting on it.

Field Trips:

High School Environmental Science Pearson Syllabus

Mehta Natasha



High School Environmental Science Pearson Syllabus:

School Science Practical Work in Africa Umesh Ramnarain, 2020-06-01 *School Science Practical Work in Africa* presents the scope of research and practice of science practical work in African schools. It brings together prominent science educators and researchers from Africa to share their experience and findings on pedagogical innovations and research informed practices on school science practical work. The book highlights trends and patterns in the enactment and role of practical work across African countries. Practical work is regarded as intrinsic to science teaching and learning and the form of practical work that is strongly advocated is inquiry based learning which signals a definite paradigm shift from the traditional teacher dominated to a learner centered approach. The book provides empirical research on approaches to practical work contextual factors in the enactment of practical work and professional development in teaching practical work. This book will be of great interest to academics, researchers and post graduate students in the fields of science education and educational policy. Issues and Challenges in Science Education Research Kim Chwee Daniel Tan, Mijung Kim, 2012-04-27

In contemporary society science constitutes a significant part of human life in that it impacts on how people experience and understand the world and themselves. The rapid advances in science and technology, newly established societal and cultural norms and values and changes in the climate and environment as well as the depletion of natural resources all greatly impact the lives of children and youths and hence their ways of learning, viewing the world, experiencing phenomena around them and interacting with others. These changes challenge science educators to rethink the epistemology and pedagogy in science classrooms today as the practice of science education needs to be proactive and relevant to students and prepare them for life in the present and in the future. Featuring contributions from highly experienced and celebrated science educators as well as research perspectives from Europe, the USA, Asia and Australia, this book addresses theoretical and practical examples in science education that on the one hand plays a key role in our understanding of the world and yet paradoxically now acknowledges a growing number of uncertainties of knowledge about the world. The material is in four sections that cover the learning and teaching of science from science literacy to multiple representations, science teacher education, the use of innovations and new technologies in science teaching and learning and science learning in informal settings including outdoor environmental learning activities. Acknowledging the issues and challenges in science education, this book hopes to generate collaborative discussions among scholars, researchers and educators to develop critical and creative ways of science teaching to improve and enrich the lives of our children and youths. Longman Active Science 2 Mehta Natasha, 2009-09

Longman Active Science 1 Mehta Natasha, 2009-09 **Longman Active Science 4** Mehta, *Longman Active Science 5* Mehta Natasha, 2009-09 **Becoming a Teacher** Colin Marsh, 2010-07-15 Marsh *Becoming a Teacher 5e* continues to offer pre service teachers a practical and user friendly guide to learning to teach that students find invaluable throughout their entire degree. Marsh covers a comprehensive introduction to teaching methodology preparing pre service

teachers for the challenges they face in a 21st century classroom Throughout the text students are given the chance to reflect on the major issues facing teachers and students through the use of case studies classroom examples and references providing opportunities to research topics further *Longman Active Science 3* Mehta Natasha,2009-09 *Challenges in Science Education* Gregory P. Thomas,Helen J. Boon,2023-03-12 This edited volume focuses on challenges facing science education across three areas curriculum teacher education and pedagogy Integrating a diverse range of perspectives from both emerging and established scholars in the field chapters consider the need for measured responses to issues in society that have become pronounced in recent years including lessons from the Covid 19 pandemic the environment and persisting challenges in STEM teaching and learning In doing so the editors and their authors chart a potential course for existing and future possibilities and probabilities for science education Resources in Education ,1992-05

This book delves into High School Environmental Science Pearson Syllabus. High School Environmental Science Pearson Syllabus is a crucial topic that needs to be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into High School Environmental Science Pearson Syllabus, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:
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 - Chapter 2: Essential Elements of High School Environmental Science Pearson Syllabus
 - Chapter 3: High School Environmental Science Pearson Syllabus in Everyday Life
 - Chapter 4: High School Environmental Science Pearson Syllabus in Specific Contexts
 - Chapter 5: Conclusion
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 6. In chapter 5, this book will draw a conclusion about High School Environmental Science Pearson Syllabus. This chapter will summarize the key points that have been discussed throughout the book.
- The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of High School Environmental Science Pearson Syllabus.

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