

03_Selecting a Study Approach Unit III Copied from: Science, Technology and Society, Copied on: 06/22/22

Content Area: **Science**
Course(s):
Time Period: **Full Year**
Length: **10-12 weeks**
Status: **Published**

General Overview, Course Description or Course Philosophy

This course assesses the student's ability to recognize and understand the entire health research process. Students are expected to know how to conceptualize a research project and see it through to completion, including identifying a focused research question, choosing appropriate study designs, collecting data that will answer the question, basic understanding of data analysis, disseminating findings, and following research ethical principles and considerations.

OBJECTIVES, ESSENTIAL QUESTIONS, ENDURING UNDERSTANDINGS

CONTENT AREA STANDARDS

	Developing and Using Models
VHEL.9-12.9.4.12.H.7	Locate, organize, and reference written information from various sources to communicate with others.
VHEL.9-12.9.4.12.H.8	Evaluate and use information resources to accomplish specific occupational tasks.
VHEL.9-12.9.4.12.H.9	Use correct grammar, punctuation, and terminology to write and edit documents.
VHEL.9-12.9.4.12.H.10	Develop and deliver formal and informal presentations using appropriate media to engage and inform audiences.

RELATED STANDARDS (Technology, 21st Century Life & Careers, ELA Companion Standards are Required)

STUDENT LEARNING TARGETS

Declarative Knowledge

Students will understand that:

-

Procedural Knowledge

Students will be able to:

-

EVIDENCE OF LEARNING

Formative Assessments

Required Activities:

- 1) Checkpoint questions
- 2) Comprehension of key terms
- 3) Completion of Study Guide
- 4) Chapter Quiz-test Questions

Summative Assessments

- Benchmarks – departmental benchmark given at the end of MP1, MP2, or MP3 & MP4 b(Semester Based Course)
- Alternative Assessments
 - Lab inquiries and investigations

- Lab Practicals
- Exploratory activities based on phenomenon
- Gallery walks of student work
- Creative Extension Projects
- Build a model of a proposed solution
- Let students design their own flashcards to test each other
- Keynote presentations made by students on a topic
- Portfolio

RESOURCES (Instructional, Supplemental, Intervention Materials)

Nearpod.com

Edpuzzle.com

Library resource center

INTERDISCIPLINARY CONNECTIONS

Informational writing

Ethics

Data collection/Analysis

ACCOMMODATIONS & MODIFICATIONS FOR SUBGROUPS

See link to Accommodations & Modifications document in course folder.

