

06_Reporting Finding

Content Area: **Science**
Course(s):
Time Period: **Full Year**
Length: **3-4 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

- we have ways to display research findings
- there are key elements for manuscripts
- journal quality and citing resources in required

CONTENT AREA STANDARDS

VHEL.9-12.9.4.12.H.12	Apply active listening skills to obtain and clarify information.
VHEL.9-12.9.4.12.H.13	Develop and interpret tables, charts, and figures to support written and oral communications.
VHEL.9-12.9.4.12.H.14	Listen to and speak with diverse individuals to enhance communication skills. Critical and creative thinking strategies facilitate innovation and problem-solving independently and in teams.

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

TECH.9.4.2.CI.2	Demonstrate originality and inventiveness in work (e.g., 1.3A.2CR1a).
TECH.9.4.2.DC.1	Explain differences between ownership and sharing of information.

STUDENT LEARNING TARGETS

Declarative Knowledge

Students will understand that:

- the ways of presenting research findings
- the key elements for manuscripts
- how to recognize journal quality and proper ways to cite resources

Procedural Knowledge

Students will be able to:

- Describe the ways of presenting research findings
- Identify the key elements for manuscripts
- Recognize journal quality and citing resources

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)

Edpuzzel.com

Nearpod.com

KHS Library resource center

INTERDISCIPLINARY CONNECTIONS

Information writing

Ethics

Data Analysis

Historical Research

ACCOMMODATIONS & MODIFICATIONS FOR SUBGROUPS

See link to Accommodations & Modifications document in course folder.