Unit 1 - Scientific Inquiry Domain (2020)

Content Area: **Social Studies**
Course(s): **Psychology**
Time Period: **September**
Length: **1**
Status: **Published**

Enduring Understandings:

- The study of psychology has developed as an empirical science
- There are many subfields within psychology
- Research methods and measurements are central to the study behavior and mental processes
- There are many ethical issues surrounding research with humans and non-human animals
- Data analysis is a valuable tool in the study of psychology

Essential Questions:

- What is psychology and what are its goals?
- How did psychology emerge as a scientific discipline?
- What are the perspectives employed to understand behavior and mental processes?
- What are the major subfields within psychology?
- What is the scientific method and what is its role in psychology?
- What research methods are employed by psychologists in their practice?
- What is the value of research on humans and non-human animals?
- To what ethical guidelines must psychologists adhere in their research?
- What statistical concepts are important in analyzing data?

Lesson Titles:

- Introduction, History, and Modern Psychology
- Psychology's Perspectives
- Psychology's Horizon and Careers
- Research, Observation and Bias
- Case Studies and Correlation
- Surveys, Cross-Sectional/Longitudinal Studies
- Experimental Research
- Data Analysis
- Ethics

21st Century Skills and Career Ready Practices:

- Civic Literacy
- Health Literacy
- Creativity and Innovation
- Information Literacy
- Critical Thinking and Problem Solving
- Media Literacy
- Communication and Collaboration

CAEP.9.2.12.C.3	Identify transferable career skills and design alternate career plans.
CAEP.9.2.12.C.7	Examine the professional, legal, and ethical responsibilities for both employers and employees in the global workplace.

Inter-Disciplinary Connections:

- Science
- English Language Arts

LA.RST.11-12.2	Determine the central ideas, themes, or conclusions of a text; summarize complex concepts, processes, or information presented in a text by paraphrasing them in simpler but still accurate terms.
LA.RST.11-12.7	Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., quantitative data, video, multimedia) in order to address a question or solve a problem.
LA.RST.11-12.8	Evaluate the hypotheses, data, analysis, and conclusions in a science or technical text, verifying the data when possible and corroborating or challenging conclusions with other sources of information.
LA.WHST.11-12	Writing History, Science and Technical Subjects
LA.WHST.11-12.1.A	Introduce precise, knowledgeable claim(s), establish the significance of the claim(s), distinguish the claim(s) from alternate or opposing claims, and create an organization that logically sequences the claim(s), counterclaims, reasons, and evidence.
LA.WHST.11-12.1.C	Use transitions (e.g., words, phrases, clauses) to link the major sections of the text, create cohesion, and clarify the relationships between claim(s) and reasons, between reasons and evidence, and between claim(s) and counterclaims.
LA.WHST.11-12.1.E	Provide a concluding paragraph or section that supports the argument presented.
LA.WHST.11-12.3	(See note; not applicable as a separate requirement)
SCI.9-12.5.1.12.A.c	Revisions of predictions and explanations are based on systematic observations, accurate measurements, and structured data/evidence.
SCI.9-12.5.1.12.B.b	Mathematical tools and technology are used to gather, analyze, and communicate results.
SCI.9-12.5.1.12.B.d	Scientific reasoning is used to evaluate and interpret data patterns and scientific conclusions.

Instructional Strategies, Learning Activities, and Levels of Blooms/DOK:

- Teacher Instruction - Roots, Approaches, Careers (Blooms: Remember, Understand)

- Question/Answer - Summer work (Blooms: Understand, Apply, Analyze)
- Written response - Lois Story (Blooms: Apply, Analyze, Evaluate, Create)
- Subfields Matching (Blooms: Remember, Understand)
- Independent Work - subfields (Blooms: Remember, Understand, Apply)
- Review/Dicuss FRQ writing (Blooms: Analyze, Evaluate, Create)
- Student input from HW - Critical thinking (Blooms: Remember, Understand, Apply)
- In-class demonstration (Blooms: Apply, Analyze)
- Guided reading - Critical thinking (Blooms: Remember, Understand, Apply)
- Student input from HW - Description (Blooms: Remember, Understand, Apply)
- Conduct Naturlistic Observation - cafeteria (Blooms: Apply, Analyze)
- Data and graph reading - Correlation (Blooms: Apply, Analyze, Evaluate)
- Question/Answer - Experimentation (Blooms: Remember, Understand, Apply)
- Guided Reading (Blooms: Remember, Understand, Apply)
- Student input from HW - Statistics (Blooms: Understand, Apply, Analyze)
- Review/Discuss - Experimental Design (Blooms: Apply, Analyze, Evaluate, Create)
- Delsea One
- SWAG

Modifications

Formative Assessment:

- **Warm-Ups:**
    - Question - Neanderthal skull
    - T/F - Research Methods
    - Question - Correlation
    - Question - Random Sampling vs. Random Assignment

Anticipatory Set:

- T/F Predictions
- Observation vs. Inference
- HW Review - Statistics

Closure:

- Exit Ticket
- Random Sampling
- Homework Assignments
- Whip around
- Classnote revisions

Summative Assessment:

- Open-Note Test - Roots, Approaches, Careers
- Case Study Project
- Chapter Test - Research Methods
- Marking Period Assessment (aligned to unit)

Benchmark (Assessments):

Skills-based assessment
Reading responses
Writing responses

Alternative Assessment(s):

Performance tasks
Project-based assignments
Problem-based assignments
Presentations
Reflective pieces
Concept maps
Case-based scenarios
Portfolios

Resources & Materials:

- Thinkingn About Psychology, 4e
- Textbook companion website
- Dictionary of Psychology, Reber
- Research Methods worksheet
- IV/DV worksheet aligned to unit
- Analyzing the Experimental Method
- Research Methods graphic organizer
- Statistical Reasoning worksheet
- Experimental Design worksheet
- Quizlet: aligned to unit
- Google Classroom
- Google Docs: aligned to unit
- Google Forms: aligned to unit