

Post AP test Unit - Scientific programming

Content Area: **Social Studies**
Course(s): **Sociology, Psychology**
Time Period: **Marking Period 2**
Length: **3 days**
Status: **Published**

Lesson Plan for scientific programming

TEC.9-12.8.1.12	All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaboratively and to create and communicate knowledge.
TEC.9-12.8.1.12.A.3	Participate in online courses, learning communities, social networks or a virtual world as resources for lifelong learning.
TEC.9-12.8.1.12.C.1	<p>Develop an innovative solution to a complex local or global problem / issue in collaboration with peers and experts and present ideas for feedback in an online community.</p> <p>The design process is a systematic approach to solving problems.</p> <p>Effective use of digital tools assists in gathering and managing information.</p> <p>Information accessed through the use of digital tools assists in generating solutions and making decisions.</p> <p>Technology systems impact every aspect of the world in which we live.</p>

Skills

- Analytical writing
- Compare in writing
- Contrast in writing
- Critical thinking
- Develop a thesis
- Distinguish facts and opinions
- Drawing inferences
- Expressing ideas clearly
- gather and assess relevant information from multiple sources
- Identify main ideas and details
- Media literacy
- Online data based research
- Read for content mastery
- Recognize bias
- Speech to inform

- Summarizing from multiple sources
- Supporting positions
- Technology/Literacy integration
- writing narrative
- writing research
- writing to analyze
- writing to argue
- writing to compare
- writing to contrast
- writing to inform/explain

Assessment of Learning

- Creative Project
- Graded Discussion
- Graded Presentations
- Note taking
- Objective Quiz
- Open-Ended Quiz
- Other
- performance
- Pre Test
- student survey
- Study Questions
- Teacher observation
- Type Five Writing
- Type Four Writing
- Type One Writing
- Type Three Writing
- Type Two Writing
- Unit Test
- Vocabulary Quiz

Learning Activities/Instructional Strategies

- Access APA guide on my web site

- Brainstorming
 - Cooperative learning
 - Create questionnaire - take to other classes
 - Create questionnaire
 - Demonstrations
 - Direct instruction/Lecture
 - Discussion
 - Do in text and bibliographic citations according to APA style
 - Drill and Practice
 - Enter specific steps into word document
 - Formal outline 26-28 Science/common sense
 - Formal outline 29-30 concepts, variables, measurement, operationalize, reliability, validity
 - Formal outline 30-32 Relationships among variables
 - Formal outline 35-36 gender/ethics
 - Formal outline 45-47 Participant Observation
 - Games
 - Gender bias - demonstrate understanding by creating surveys concerning health care and reproduction...
 - Graphic Organizers
 - Guided reading
 - Help students select topic
 - Higher Order Thinking Skills
 - Interactive instruction
 - Journal writings
 - Lecture
 - Manipulatives
 - Online practice
- http://wps.ablongman.com/ab_introsoc_studysite/216/55495/14206752.cw/index.html
- p. 28 The Popular Press
 - p. 30 Descriptive Statistics
 - p. 36 Studying Hispanics
 - p. 40 Lois Benjamin Talented 100
 - p. 44 Four research methods - memorize
 - p. 46 Can people lie with statistics?
 - p. 50 Review - memorize this page
 - p. 51 Review - memorize this page
 - Pre-read chapter 2
 - Print 3 pages of one article; show to me for vetting; write brief summary
 - Problem-based instruction
 - Questionnaire - create

- Questionnaire - deploy
- Questionnaire - review
- Quiz - Vocab
- Research online
- Set up paper; copy steps 1=10 into your notebook; include tips listed; include your ideas about each question. pages 45-47
- Set up paper; do header page; 12 point, 1.5 spacing, 1 inch margins, page number
- Structured overview
- Teach vocab
- Test - chapter
- Use APA guide to set up references
- Use guidelines in text to answer each of the 10 steps.
- Use scaffolding to assist students.
- Video: macro sociology <http://youtu.be/DvK2ir5IRaw>
- Video: Micro Sociology <http://youtu.be/SddLEdaJj8w>
- Write paper

Differentiation

- Alternative assessments
- Choice of activities
- Choice of books
- Flexible grouping
- Guided reading
- Homework options
- Independent research and projects
- Leveled rubrics
- Modified materials
- Multiple texts
- Multi-sensory
- Personal agendas
- Pre-teach
- Re-teach
- Stations/Centers
- Supplemental materials
- Supplemental teaching

Technology

- Computer Lab/Laptops
- DVDs/CDs/Videos/TV
- Internet Resources
- iPads
- Overhead Transparencies
- PowerPoint
- SMART Board

TEC.9-12.8.1.12.F.1	Select and use specialized databases for advanced research to solve real world problems.
WORK.9-12.9.1.12.A.1	Apply critical thinking and problem-solving strategies during structured learning experiences.
WORK.9-12.9.1.12.C.4	Demonstrate leadership and collaborative skills when participating in online learning communities and structured learning experiences.
WORK.9-12.9.1.12.C.5	Assume a leadership position by guiding the thinking of peers in a direction that leads to successful completion of a challenging task or project. Information accessed through the use of digital tools assists in generating solutions and making decisions.

21st Century Themes

- Business, Financial, Economic and Entrepreneurial Literacy
- Civic Literacy
- Global Perspectives
- Health Literacy

21st Century Skills

- Communication and Collaboration
- Creativity and Innovation
- Critical Thinking and Problem Solving
- Information Literacy
- Life and Career Skills
- Media Literacy

Interdisciplinary Connections

- Art
- Business
- Health & PE
- Industrial Arts
- Math
- Music
- Science
- Social Studies
- World Languages