**UNIT 2: Case Study**

LESSON 1: Defining a Case Study Review

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| **Lesson Topics**   * Defining Case Study Review * Guided Research Time * Presentations * Action Research | **Learning Objective:**  The student will   * Evaluate a sample case study for the features and characteristics of an effective research tool. | |
| **Engage**  Access prior knowledge   * What do you know? How did you learn it?   Pique their interest   * What do you see, think, wonder when you see this image, watch this video, or hear this story? | | **Resources** |
| **Exploration**   * Define a case study review. * Describe and present the case study review process. * Identify the resources needed for a review. * Demonstrate reporting on a case study review.   Present   * “Trends & Tactics: Case Study on Cell Phone Video Surveillance” <https://www.hsdl.org/?view&did=9977> * Analyze the study for features and characteristics of a case study   Case Study:   * A case study is an in-depth review and detailed examination of an experience or event.   Action Research   * Strengths  1. Effective in work or community situations. 2. Practical and problem-solving approach. 3. Researchers also learn during the observations. 4. Improves practice and promotes change.  * Weaknesses  1. More difficult than ordinary studies. Researcher is actively involved. 2. More difficult to report. No perfect formula exists. 3. Personal biases exist. 4. Time consuming. 5. Participants often need to support the practice and change being proposed.   Case study review process:   * Read and examine the case completely. * What problems or issues exist? * Determine possible solutions to the problem or issue.   Demonstrate reporting on a case study:   * Complete a rigid outline  1. Description of the case 2. Identify the objectives 3. Note observations 4. Evaluate findings 5. References | | **Teacher Resources:**  Websites:  Case Study Research Design <https://explorable.com/case-studyresearch-design>  Case Study: Action Research Design  <https://libguides.usc.edu/writingguide/researchdesigns>  A Research Guide for Students: Presentation Tips for Public Speaking <http://www.aresearchguide.com/3tips.html>  Texts:  Trends & Tactics: Case Study on Cell Phone Video Surveillance  <https://www.hsdl.org/?view&did=9977>  Next Generation First Responder Case Study: Physiological Monitoring  <https://www.hsdl.org/?view&did=822915>  Next Generation First Responder Case Study: Location Services  <https://www.hsdl.org/?view&did=822910>  Next Generation First Responder Case Study: Deployable Communications  <https://www.hsdl.org/?view&did=822909>  Next Generation First Responder Case Study: Video Services  <https://www.hsdl.org/?view&did=822917>  Next Generation First Responder Case Study: Situational Awareness  <https://www.hsdl.org/?view&did=822912>  **Student Resources:**  Websites:  Case Study Research Design <https://explorable.com/case-studyresearch-design>  Case Study: Action Research Design  <https://libguides.usc.edu/writingguide/researchdesigns>  A Research Guide for Students: Presentation Tips for Public Speaking <http://www.aresearchguide.com/3tips.html>  Texts:  Trends & Tactics: Case Study on Cell Phone Video Surveillance  <https://www.hsdl.org/?view&did=9977>  Next Generation First Responder Case Study: Physiological Monitoring  <https://www.hsdl.org/?view&did=822915>  Next Generation First Responder Case Study: Location Services  <https://www.hsdl.org/?view&did=822910>  Next Generation First Responder Case Study: Deployable Communications  <https://www.hsdl.org/?view&did=822909>  Next Generation First Responder Case Study: Video Services  <https://www.hsdl.org/?view&did=822917>  Next Generation First Responder Case Study: Situational Awareness  <https://www.hsdl.org/?view&did=822912> |
| **Explanation and Elaboration**  Create a list of the elements of an effective case study. Read and analyze the assigned case study. Determine if it meets the criteria of a case study. Explain its strengths and weaknesses as a case study. | |
| **Formative Assessment:**  The elaboration activities | |
| **Summative Assessment:**  As required by the curriculum and school system | |