

Anticipation Guide

Directions: Agree or Disagree or Edit.

- 1. Anyone can teach.
- 2. Active learning in students is fostered by note taking and discussions with fellow students.
- 3. Technology allows teachers to teach more powerfully, more efficiently, and with less effort.

Perspective \rightarrow



Learning: Part I



Nords \rightarrow



Activity Debrief

- 1. Meaning is constructed during experience.
- 2. Construction results from processing.
- 3. Knowledge is organized.
- 4. When specifics are lost, meaning remains.
- 5. Strategies are used to function more effectively.
- 6. We can assess the effectiveness of our thinking.



6 Principles for Deep and Flexible Learning

- 1. Learning through practice at retrieval
- 2. Learning through varied tasks and purposes
- 3. Learning at the principle level
- 4. Learning awareness and control (metacognition)
- 5. Learning in response to developmental feedback
- 6. Learning embedded in prior knowledge and experience

(Engle, 2006; Halpern & Hakel, 2003; Mariano, Doolittle, & Hicks, 2009; Wagner, 2006)

5/5 →



Instructional Strategies I



Fostering C, B, S, & A Processing

25-Word Summaries

Learning Environment: Students create clear and coherently organized 25-word summaries that reflects the essential meaning of the current reading.

Learning Artifact Processing: Students analyze and interpret a reading, lecture, video, movie, activity, or experience in order to extract the essential meaning and compose a 25-word summary.

Learning Assessment: 25-word summaries are assessed using a scoring guide focused on organization, clarity of thought and expression, and delineation of a core message.

25-Word Summaries

Grading: Each Chapter Summary Statement is worth 50 points and will be graded using the following criteria: 1. Structural Format 10 pts a. Is the summary 25 words or less? b. Is the summary a coherent sentence, or sentences? c. Does the summary avoid a simple listing of concepts, terms, or themes? 2. Clarity of Thought and Expression 15 pts a. Are the ideas expressed well, well thought out, and integrated? c. Does every word in the summary have a meaningful purpose? d. Are correct grammar and syntax used? 3. Delineation of Core Message 25 pts a. Does the summary accurately reflect the reading's central or essential message? b. Are the reading's central or essential messages fully integrated? c. Does the summary reflect an understanding of the reading? **Plus Developmental Feedback**

with Dragon Dictate



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Integrated Instructional Design





Processing & Instructional Design





Learning: Part II





Multitasking: The Myth

- Tapscott, 1998
 - multitasking
- Frand, 2000
 - "multitasking way of life"
- Prensky , 2001
 - "digital natives accustomed to the twitch-speed, multitasking "

Multitasking: Did we know?

"The greater the number of objects to which our consciousness is simultaneously extended, the smaller is the intensity with which it is able to consider each."

Hamilton, Mansel, & Veitch



Multitasking

1. To what was pledged allegiance?

















Instructional Strategies II



Fostering C, B, S, & A Processing

Cat Processing \rightarrow



Oral Explanations

Learning Environment: Students create clear and coherently organized 10-15 minute videos that reflect the student's understanding of the current topic under discussion, plus an application to their lives.

Learning Artifact Processing: Students analyze and interpret readings, notes, and discussions; organize concepts and ideas; apply to a life issue; create an oral explanation.

Learning Assessment: Video are assessed using a scoring guide focused on organization, clarity of thought and expression, essential content explanation and application.

Example \rightarrow



Oral Explanations

Grading: Each Oral Explanation is worth 100 pts and will be graded using the following criteria:	
 Organization a. are introductions and conclusions used effectively? b. do the expressed ideas follow a logical progression? c. are explanations and applications provided? 	20 pts
2. Clarity of Thought and Expressiona. are the ideas expressed well, well thought out, and integrated?b. are there clear and logical transitions between ideas?c. are correct grammar and syntax used?	20 pts
3. Essential Content Explanationa. does the content of the explanation accurately reflect the addressed constructivism?b. does the explanation explain, rather than just list, the main concept components?c. is the content of the explanation free from personal interjections?	30 pts
4. Essential Content Applicationa. is a problem, issue, or situation explained clearly?b. are concepts from the texts and class used to address the cited problem?c. is the application thorough, meaningful, and appropriate?	30 pts

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7 C's of Internal Motivation

- 1. Choice
- 2. Caring (interest/value)
- 3. Control
- 4. Challenge
- 5. Collaboration
- 6. Competence
- 7. Curiosity

