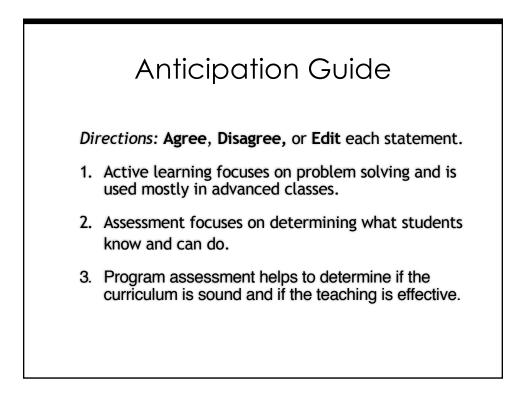
Top Down & Bottom Up

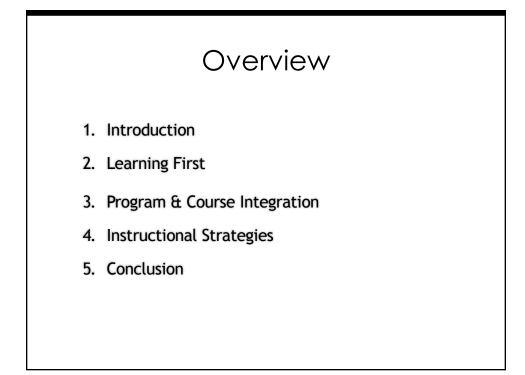
Fully Integrating Learning and Assessment Practices

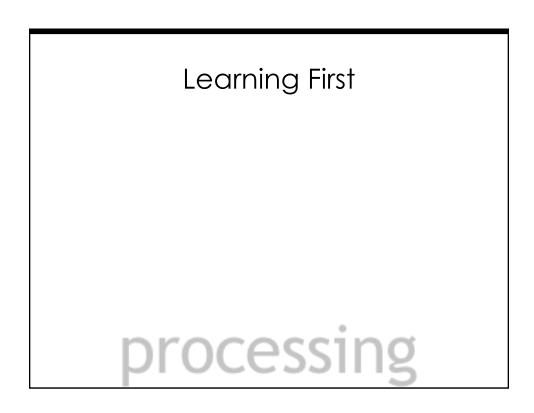


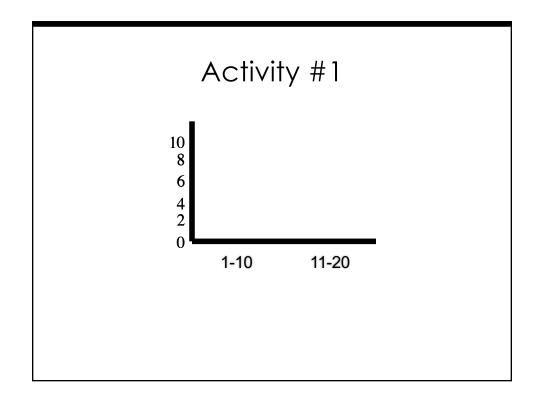
Peter E. Doolittle Director, School of Education

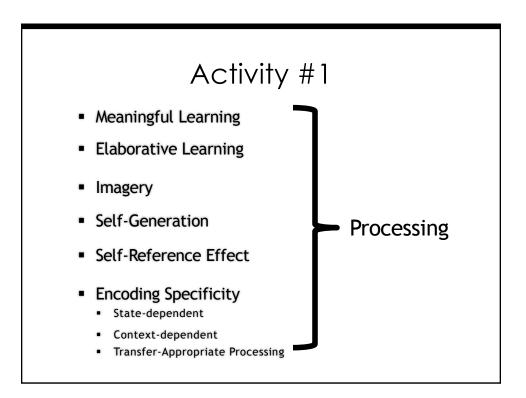
Professor, Educational Psychology Virginia Tech • Blacksburg • Virginia

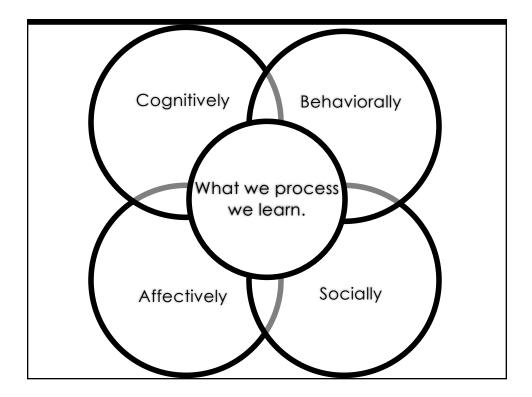


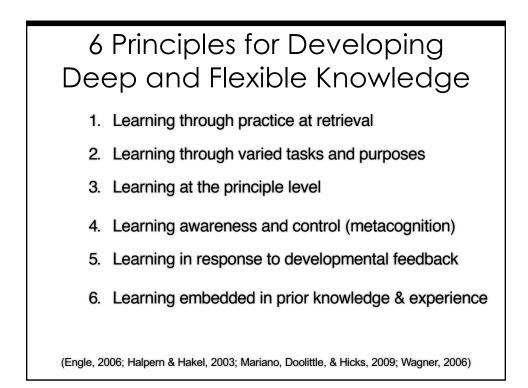


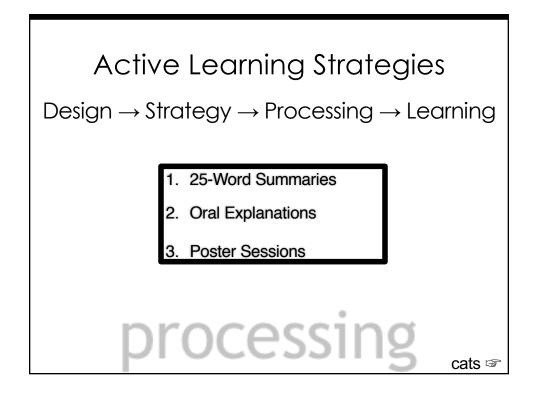


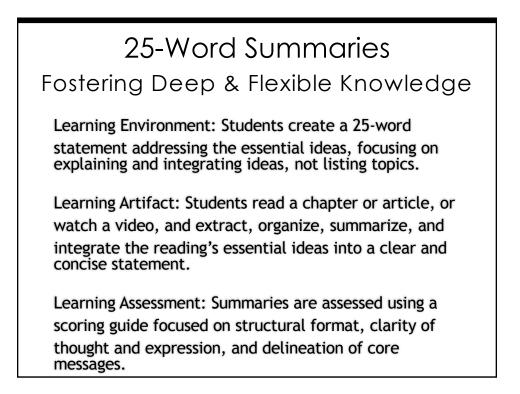






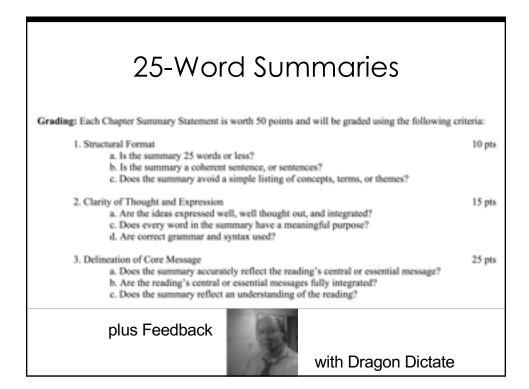






25-Word Summaries Fostering Deep & Flexible Knowledge

Radical constructivism views knowledge as constructed through repeated experiences reconfirmed or rejected through comparison over time; this structures our experiences, which we perceive as reality. [25 words]

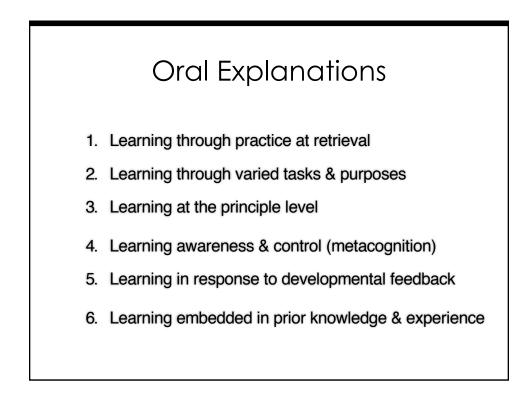


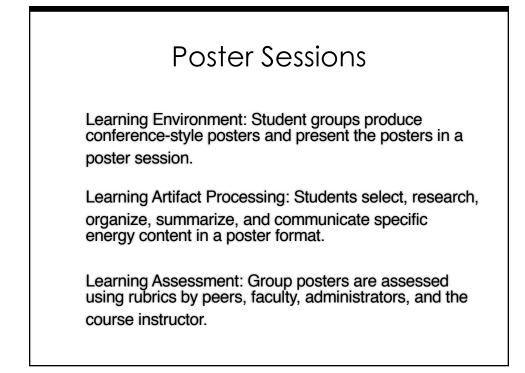
25-Word Summaries

- 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

Oral Explanations

| 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? <u>do</u> the expressed ideas follow a logical progression? c. are explanations and applications provided? | 20 pts |
| Clarity of Thought and Expression a. 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 Explanation a. 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 Application a. 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 |





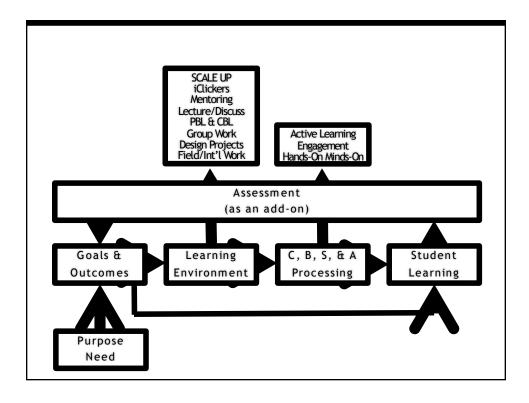
| ermak Resources and the Er | wironment Poster | Rubric (DRAFT) | | | | | | |
|---|--|--|---|-------------------------------------|--|--|--|--|
| | | | | | | | | |
| Group Number, Energy source:20 points | | | | | | | | |
| Criteria | | | - | | | | | |
| Organization (3) | Well Organized, followed instructions | Well organized, did not follow instructions | Poorly organized, did not follow instructions | Random | | | | |
| Readability, Neatness (2) | | Easy to read and understand, Good curb appeal | Adequate | Did not use template provided | | | | |
| Cradie to Grave concept and content (9) Resources needed, Environmental impacts, Advantages/disadvantages | Covered all aspects, well thought out and described | Covered most aspects, fairly well thought out and described | Covered some aspects, poorly thought out and described | Start over | | | | |
| Net energy (2) | | Concept and discussion included, relevant | Minimal discussion | No discussion | | | | |
| Figures and Tables (2) | | Clear, incorporated in discussions, integrated | Adequate | Lacking | | | | |
| References (2) | | Well used | Some used | None used | | | | |

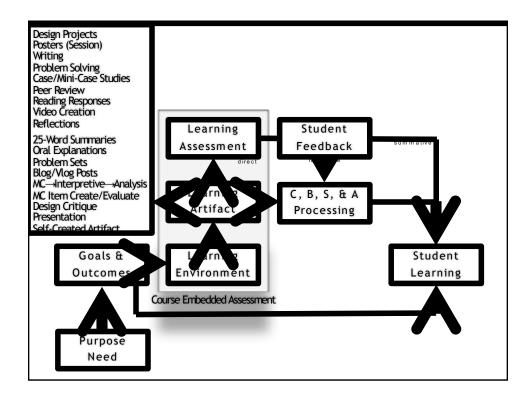
Poster Sessions

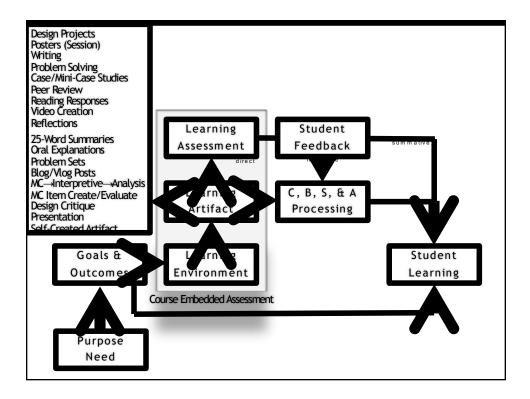
- 1. Learning through practice at retrieval
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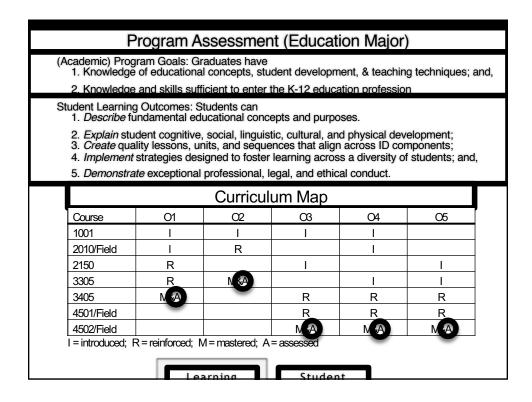
perspective 🖙

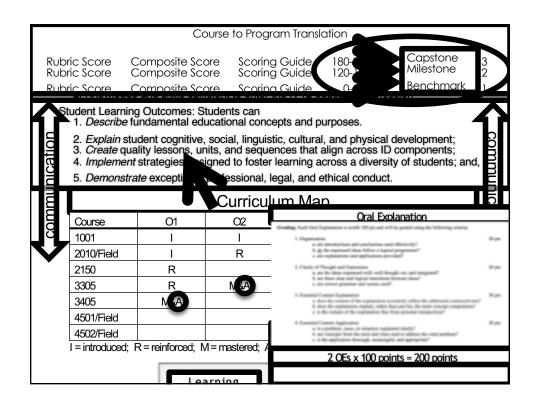












| Gen Ed Shuffle Capstone Milestone Benchmark Reasoning in the Social Sciences Outcome 2: Analyze human behavior, social institutions, and/of patterns of culture using theories and methods of the social sciences. | | | | | | | | | |
|---|-------------------|-------------------------|----------------------|----------------------|------------------------|--|--|--|--|
| Satisfying Course | Course Content | Course Pedagogy | Course Assessment | Assessmnt Grading | Program Translation | | | | |
| History | Blah, Blah | Reading | Paper | 100 pts | | | | | |
| Geography | Blah, Blah | Media | Project | 50 pts | | | | | |
| Psychology | Blah, Blah | Lecture & Discussion | MC & Essay Test | 100 pts | | | | | |
| Sociology | Blah, Blah | Coop Lrn | Presentation | 200 pts | | | | | |

Top Down & Bottom Up

Fully Integrating Learning and Assessment Practices

Peter E. Doolittle Director, School of Education

Professor, Educational Psychology Virginia Tech • Blacksburg • Virginia