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NOAA BWET Project SEARCH

Assessment and Practitioner Research

Dr. Daniel Dickerson and Patti Horne
Old Dominion University
Department of STEM Education and Professional Studies

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- House Keeping Business
 - Coat Drive is on-going
 - Need to schedule additional dates for two more professional development sessions (technology and science)
 - Need to schedule dates for scientists to come in to talk to students
 - Pilot-testing of instruments complete

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Formative and Summative

- Formative - part of a refinement process, usually not graded, never represents final grade
- Summative - final grade/assessment

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Pre and Post Assessment

- Pre-assessment - completed prior to instruction to gauge students' knowledge and understandings
- Post-assessment - completed after instruction to gauge students' mastery of facts, processes, and/or concepts

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Traditional Assessments

- Traditional - includes multiple choice, true/false, and fill-in-the-blank
 - Focuses on memorization of facts

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Alternative Assessment

- Alternative - includes everything else... concept maps, essay, short answer, drawings, portfolios, self-assessments, performance-based assessments, interviews, etc
 - Focuses on conceptual understanding... for example, multiple-choice can be alternative if constructed to assess conceptual understanding

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Assessment Activity

- In groups, review the assessments on the table.
- Individually construct a chart that lists what you feel are pros and cons for each example using one of the white boards around the room.
- In a whole group we will discuss your reasons and determine if they are “good” or “bad”, formative or summative, pre or post, and traditional or alternative.

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Concept Maps

- Novak
- Hierarchical
- Linking words between concepts
- Other derivations
 - Word webs
 - Concept maps with word banks

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Practitioner Research

- Action Research vs Practitioner Research
- Practitioner Research studies must be completed by Fall 2010
- Components of Practitioner Research (see template provided)

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