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Using Digital Video for Self Reflection and Assessment of Pre Service Teacher Instruction

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ICI Instructional Technology Summit
Taylor University
August 14, 2009

Digital Video: An Assessment Tool for Teacher Education

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Background

1. PE/Health Program of Study
 - ✓ Core I-IV
2. The Methods Sequence
 - ✓ Core III
3. The Key Learning Community
 - ✓ Practicum
4. Technology History: SP 08
 - ✓ Point and Shoot



Point and Shoot Video





Role of Instructional Technology

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1. Collaborate with faculty to enhance learning
 - ✓ Understand learning objectives

2. Evaluate and recommend technology
 - ✓ Resources available
 - ✓ Access
 - ✓ Workflow for students

3. Provide documentation and training
 - ✓ Classroom training and documentation
 - ✓ Test run in real environment



Role of Instructional Technology

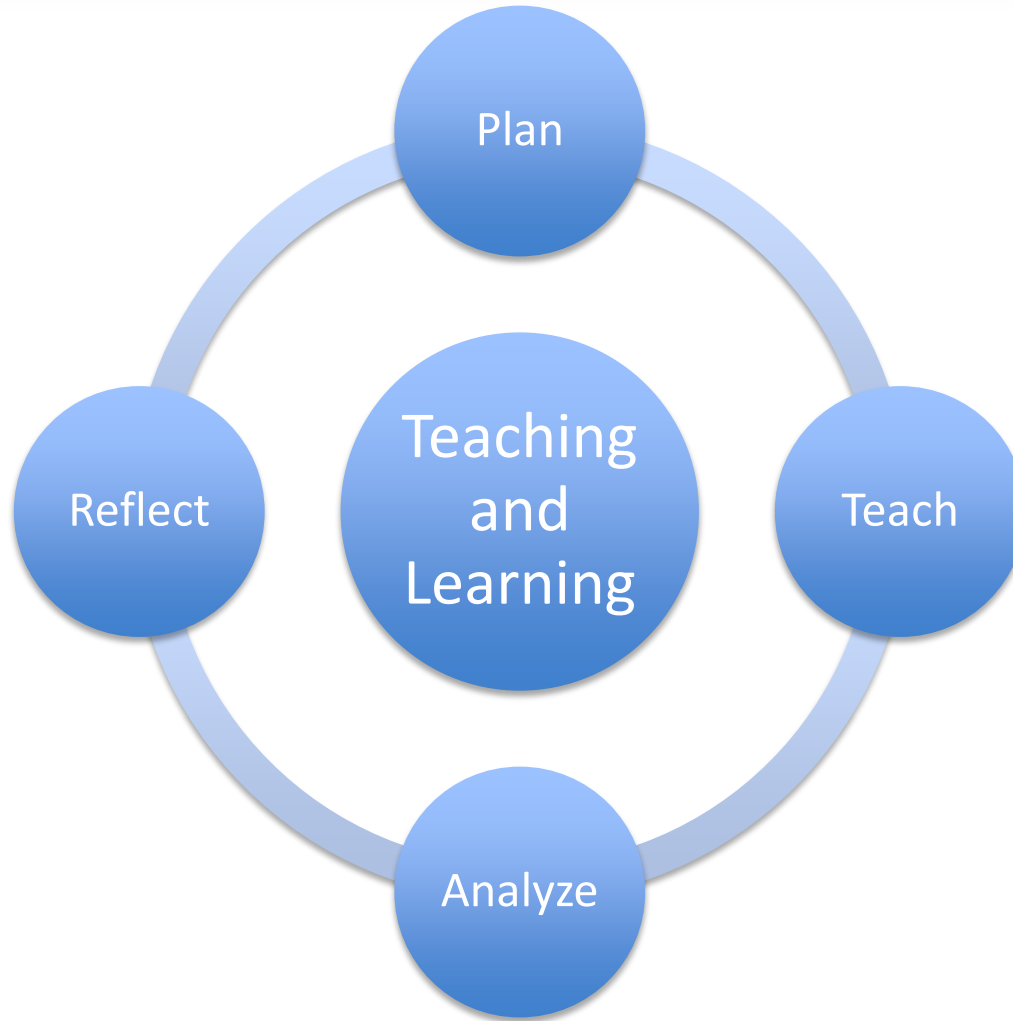
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4. Supporting the class and the process
 - ✓ New experience
 - ✓ Informal formative assessment

5. Modeling a cultural shift for the College/University
 - ✓ IT becomes an extension of the classroom
 - ✓ Department lines blur
 - ✓ Collaboration becomes the norm
 - ✓ Technology is integrated into the curriculum



Teaching and Learning Cycle





Planning

Lesson Plan Template



Lesson Plan #5





Teaching





Assess and Analyze

Coding Sheet



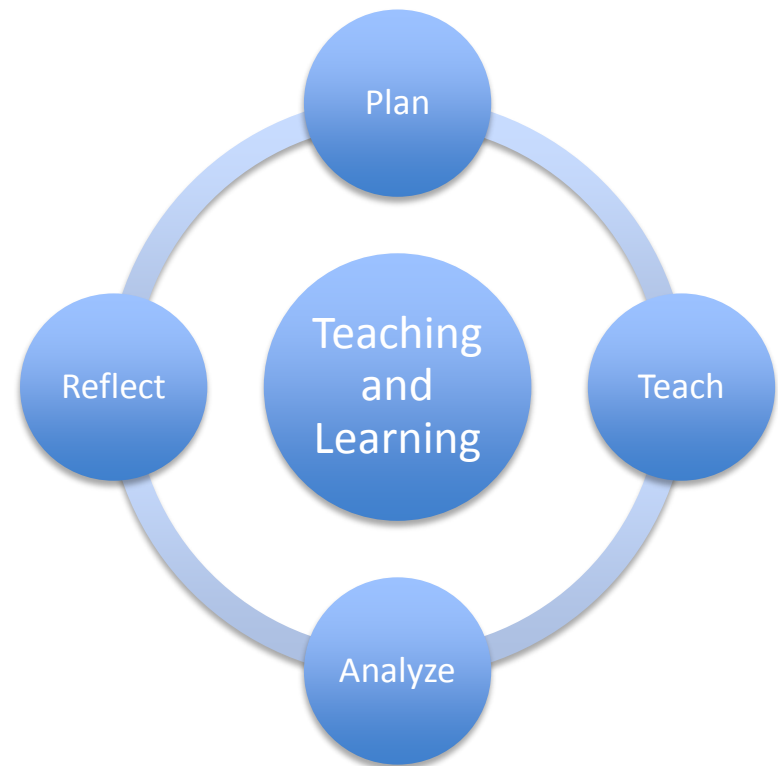
Video Analysis and Reflection





Closing the Loop

“In the analysis of the polygraph I realized that I do a lot of extending tasks, but I don’t do a lot of refining or applying it. The majority of what I did was extending it to make it harder. I need to refine it so that the students can be really good at that skill before they move on. What I think I can learn from this for future teaches is to make sure that I am refining the tasks so that they can master one task before moving on and to use more applying tasks, so that they will be able to know how to use the task in a competitive game or they can do it for an assessment and be able to do well on it.”





Conclusions

1. Students who run with cameras
2. Getting the bugs out/where to go from here
 - ✓ Video decoder on all campus lab computers
 - ✓ More equipment available for students
 - ✓ Better communication at the checkout desk
 - ✓ Tools will change/keeping up with technology
 - ✓ Media storage and access
3. Success for students and faculty



Thank You

Q & A

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