2015 Pre-Conference Workshop: 9-11:30 a.m.

### Using Multimedia Case Studies in Teacher Preparation

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### **Session Overview**

- · Welcome and Introductions
- · Present design principles for content and pedagogy.
- · Present a rationale for using multimedia case studies
- Engage in a series of activities that model how to use multimedia materials in teacher preparation to juxtapose theory with practice.
  - · Who are our learners?
  - What can be learned through engagement with families?
  - What's our theory of teaching and learning?
  - What are starting points for coaching conversations?

## Session Warm Up

- Briefly introduce yourselves
- Respond to this question:
  - How do you currently use multimedia materials in teacher preparation?
  - · What do you think has worked well for you?
  - · What challenges have you faced?

Quick Share in Triads: Be prepared to share common responses, themes, or feelings.

### My Multimedia History

- Challenged to develop a distance education ESL program for use with districts to increase the number of teachers who could be ESL certified.
- · ProfessorsPlus Trainer of Trainer Model
  - · Professors developed "frozen elements" of the curriculum, including learning activities, readings, & multimedia products (i.e., video segments, CD-ROMs of classroom practice)
  - District facilitators with master's degrees, ESL certification, and respected experience prepared to teach the courses.
  - · Eight year development project
- Ongoing collection of multimedia artifacts of learners, families, teaching, and instructional coaching.

### **Design Principles** in Content & Pedagogy (Teemant, 2005)

se dialogue and social interaction to reveal and build upon personal practical knowledge of teaching, which emerges out of who learners are and their current conceptions teaching.

2. Develop learner autonomy

Support teachers in questioning practice from multiple perspectives to develop flexibility and cognitive complexity.

3. Juxtapose the practical with the theoretical

Systematically make visible to learners the theory of practice and the practice of theory through multiple and varied experience and exposure to diverse teaching events.

4. Ensure authenticity

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Capture and present classroom practices in such a way that the immediacy, imperfection, nonverbal, and visual aspects of teaching are intact.

5. Develop problem representation
Use real classroom teaching events to support learners in formulating their own problem statements and solution paths, increasing their cognitive complexity.

6. Develop multiple perspectives

Silicincins and sometime passes.

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Encourage varied theoretical explanation of teaching events to develop learner flexibility in attending to the content, context, pedagogy, and student layers of teaching.

Today we will try to experience multimedia learning as participants first in order to then

reflect upon

experiences from the lens of educator."

- Creates a shared context for dialogue á la Freire:

  - - Reflection from Multiple Perspectives
  - · Take action

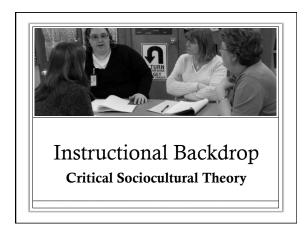
### The Rationale for Use

### Brings the real world into the classroom

- · See people, places, & practices you would not normally see
- · Gain distance from the people, places, & practices you do see · - Capture the inherent messiness of life & schooling
- - Provide authenticity (not a staged performance) in the visual, · nonverbal, physical, tactile, and verbal elements.
- - Link language, cognition, and emotion in learning
- · Name

### **Desired Outcomes**

- Develop a shared and authentic language of practice
- Freire's (1994) praxis: cycles of reflection (words) and action (work of teaching) TOGETHER.
- Confront teachers in the "moment of seeing a practice with theory that can challenge, explain, or expand their understandings" (Harris, Pinnegar, & Teemant, 2005, p.



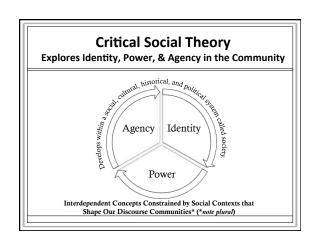
### **Critical Sociocultural Theory**

### Sociocultural Theory

- To be effective assistance must be within the zone of proximal development.
- It should assist students in moving from needing assistance from others to being selfregulated as they progress to internalization and
- Increased student engagement and ownership for learning.

### **Critical Social Theory**

- Recognition considers the social, political, historical, cultural, and economic context in which students and teachers interact with one another.
- Examines how student and teacher identities, power relations, and agency play out in discourse communities.



## **Key Definitions**

### IDENTITY Definition:

the qualities.

who someone is : the name of a

the qualities, beliefs, etc., that make a particular person or group different from others

Identity answers the

question "Who am I?"

### POWER

- ability to act or produce an effect
- capacity for being acted upon or undergoing an effect
- possession of control, authority, or influence over others physical might
- mental or moral efficacy political control or influence
- - "What knowledge do I have access to and control of?"

### Power answers these questions

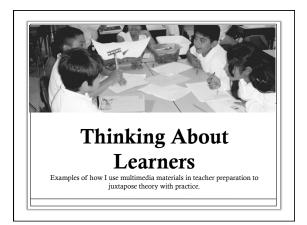
- "Whose knowledge is valued and who decides?"
- "How is power distributed in teacher-student relationships?

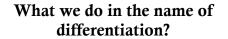
### AGENCY

the capacity of an agent (a person or other entity, human or any living being in general) to act in a world.

Agency answers the question "How will I choose to make or remake myself, my activities, relationships, or histories? To what degree do we have the agency to be ourselves or to remake ourselves'

# Critical Theory Coupled Within Theories of Learning Skinner Piaget Vygotsky





- What do you advocate for in the name of differentiation for SLLs?
- What has worked?
- · What seems to resonate with non-SL colleagues?
- How do you differentiate your instruction for your university students?
  - What challenges have you experienced?
- · What has not worked as well as you hoped?

What do you think you need to learn to improve your differentiation practices?

Timed Sharing in Triads: 1 minute each; 1 minute debrief Be prepared to share common responses, themes, or feelings.

### **Traditionally Differentiation** is talked about in terms of...

- Content
- Product
- Process
- Environment
- Such frameworks appear objective with a technical approach to
- differentiation.
  At best, the student is represented by notions of their readiness, interests,
- or learning profiles.

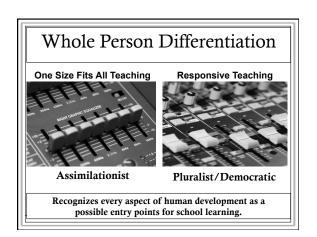
  At worse, the student is a test score.
- That data can be used to label, segregate, or normalize some
- students while marginalizing others. Cognitive readiness is just one aspect of development.
- Who gets to decide what or who is normal or how a learner's development is framed?

# For ELLs, differentiation is not · Only about language...

· Only about accommodations.

	Level 1 Entering	Level 2 Beginning	Saul 3 Developing	Loui 4 Expending	Lord S Bridging
CHILDRING	Point to stand pictures, words, pleases     Edder care copy and directions     Mach and nationals to objects, figures or filterations	Son pienas, chiero acceding to end instructions     Sidan reaccept and discrime     Wash information from and discription to object, Electrolism	Lease, when order information from and descriptions     Follow make easy and disorders     Gargarite or suspense and information using pictures, objects	Comparisonan faccions, silelendips from red information     Andyward upply red information     Silently cases and office from red discourse	Description from and information     Construct models found on and discourse     Male connections from and discourse
SPEAKING	Name objects, people, pictures     Assert Will (who, what, when, which, which) questions	Ad WH-question     Discolle picture, events, objects people     Resure face	Freezine barelees, male pedictore     Obsole process     process     Real motors come	December, lower, concepts     Gire species, and reports     Offer seather adultion to lower, problems	Engage to delease     Explain pleasurements, give managles and justify mayones     Express and defend getters of delease
BEADONS	Mach interest embels to work, please or entremented pite     Liberily-coupys deed pite and not furner	Locar and classify information     Westly faces and explain newages     Minor language patterns associated with faces	Separar pleases overs, processe     Shortly make tikes     Use content allow to determine meaning of worth	Inceper information or day     Plad death that support main idea     Ideathy word families, figures of speech.	Conduct recent to give information from multiple source     Dear conductors from earliest and implicit som
WHITING	Label objects, pictores, diagrams     Dear la response to a prompt     Readon incom, symbols, word, photon to compress	Male lite     Tradies dentisp, plean, dest extense, miss     Die informitie mpand from oul or witten direction	Production-boso expensive services     Congentioners     Congentioners     Congentioners     Concilioners     Concilioners     Concilioners     Concilioners	Summain information from graphics or notes     Edit and order wising     Count original ideas or deathed organise	Apply information to new contents     Reserve multiple grows and discusses     Audion multiple former grows of writing

### The Whole Person is Multidimensional Continuums of Development Cognitive (Academic) Language/Literacy (Linguistic) The Whole Social/Affective (Inclusive) Physical/Expression (Vital) Sociopolitical (Empowerment)



Am I attending to the whole person?				
Academic  Commit to the cognitive development of their students by helping students develop academically as autonomous, strategic, self-aware, and self-directed learners.	How can I support students to recognize and participate in school culture and to succeed academically?			
Literate  Promote development of multiple literacies across the curriculum by purposefully integrating languages, texts, and diverse cultural ways of being.	How can I support the development of the multiple literacies students need in their lives?			
Inclusive  Promote students' social and affective development by creating inclusive and caring classroom communities that support positive interdependence.	How can I create and model an inclusive and caring classroom community to benefit learning?			
Vital  Recognize the importance of physical vitality in learning by valuing health, movement, maturation, and self-expression.	How can I incorporate physical vitality to increase the potential for learning?			
Impowered  Support students to develop self-efficacy and to become empowered, consciously engaged, lifelong learners.	How can I support students in becoming change agents in their own lives?			

# What stands out: Strengths? Needs? Questions? Cognitive (Academic) Language/Literacy Social/Affective (Inclusive) Physical/Expression (Vital) Sociopolitical (Empowerment) Alejandro arrived as a 7th grader. Now he is in 8th grader.



# What's your prediction? How is Alejandro doing three years later in 11<sup>th</sup> grade?

Alejandro

• 17 years old and in the 11th grade at an alternative high school
• 5 years in the United States
• Enrolled in an English as a Second Language program

English

Subtest

Nov 2001

Reading

- 43

Fluency

Story

Story

Reading

Understanding

Directions

Passage

7-1

LetterWord

Directions

Passage

7-1

LetterWord

Attack

Picture

8-11

3.6

Reading

Vocabulary

Nov 2001

Subtest

Nov 2001

Subtest

Nov 2001

Subtest

Nov 2001

Fast Age

Grade

LetterWord

12-89

16-9

Analysis

Reading

Vocabulary

10-10

5.4

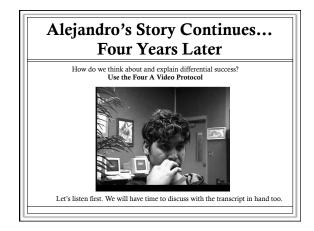
Reading

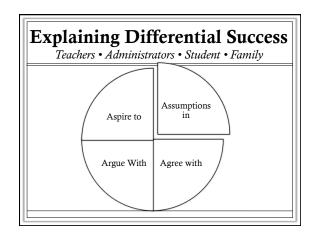
Vocabulary

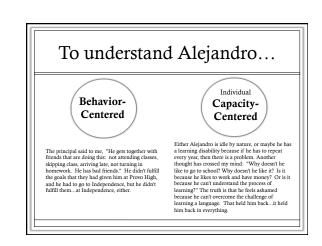
Woodcock Johnson III (English/ Spanish)

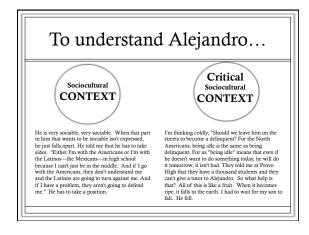
Writing Sample				
Dear Substitute teacher				
I'm sorry about what happend the other day I will not don't agent afologone				
For what I did. alignts traine.				
Yebrery 25				
A failure to academically thrive				
But whose failure?				
©7iconast. 2005 24				

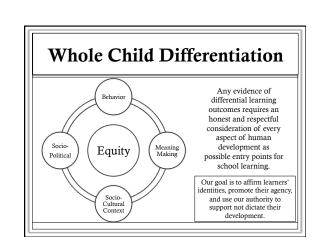






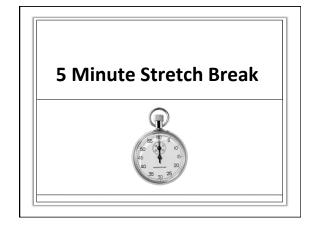


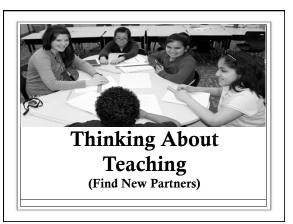




# Let's Reflect on Our Design Principles (Teemant, 2005) Pay attention to the adult learner Use dialogue and social interaction to reveal and build upon personal practical knowledge of teaching, which emerges out of who learners are and their current conceptions of of teaching, which energies out of who teathers are and their current conceptions of teaching. 2. Develop learner autonomy Support teachers in questioning practice from multiple perspectives to develop flexibility and cognitive complexity. 3. Juxtapose the practical with the theoretical Systematically make visible to learners the theory of practice and the practice of theory through multiple and varied experience and exception to discover teaching account. through multiple and varied experience and exposure to diverse teaching events. 4. Ensure authenticity 4. Ensure authenticity Capture and present classroom practices in such a way that the immediacy, imperfection, nonverbal, and visual aspects of teaching are intact. 5. Develop problem representation Use real classroom teaching events to support learners in formulating their own problem statements and solution paths, increasing their cognitive complexity. 6. Develop multiple perspectives Encourage varied theoretical envoluments of teaching events to develop learner flexibility.

Encourage varied theoretical explanation of teaching events to develop learner flexibility in attending to the content, context, pedagogy, and student layers of teaching.





# **Living Educational Theory**

Every act of teaching reveals our spoken or unspoken theory or beliefs about children & learning.

What do you believe about children and how children learn?





What is this teacher's theory of learning?
How are teachers and students and the How are the Students and teacher positioned in this clip?
in the teaching-learning process?

What intended or unintended consequences seem obvious?

### **Fundamental Change In** Theories of Learning

- Behaviorists (Skinner)
- Observable and quantifiable behaviors.
- Cognitivists (Piaget)
- Understanding consists of mental processes and structures that integrate information.
- Learning is the construction of meaning from experience. Apply general knowledge to specific situations.
- Socioculturalists (Vygotsky)
  - Experts and novices work together through conversation to close the gap between what a child can do alone and what a child can do with assistance.

# Theories of Learning (Compare, Contrast, Define, Connect)

- WITH A PARTNER, compare and contrast the 3 theories of learning.
- · Consider the following questions in your analysis:
- What is the unique contribution or critical characteristics of each theory?
- How does each theory position teachers and students in the teaching-learning relationship?
- What implications are important in defining student and teacher identity, how power is situated or distributed, and if and how agency or choice fits into identity in the teaching-learning process?
- Identify key words that distinguish sociocultural theory from the other
- Be prepared to analyze video clips of practice using these theories

# Watch to Discuss Share with a partner what evidence you see of

this teacher's theory of learning.

### **Watch to Discuss**



Share with a partner, what evidence you see of this teacher's theory of learning.

### **Vygotsky's Primary Assumptions**

- \*\* Knowledge is cultural understanding and competent participation.
- Learning is social.
- 7 Teaching is assisting.
- Performance is situative.



## **Critical Theory**

- Affirm teacher & student identities
- Encourage re-examination of power in reproducing, sustain, or transforming teachers' and students' status and position learning communities
- **Expand** teacher and student agency
- Through discourse teachers and students reflect, unsettle perceptions, and interrogate experiences that make growth possible

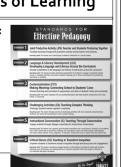


**Enduring Principles of Learning** 

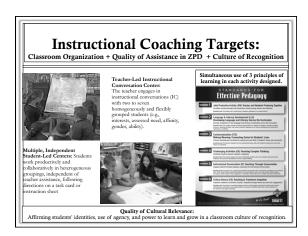
**Critical Sociocultural Practices:** 

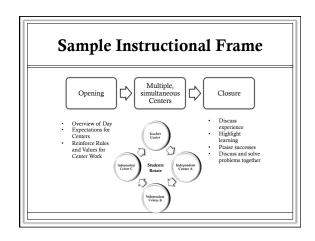
- **7** Collaboration
- 7 Language Use
- 7 Meaning Making
- 7 Complex Thinking
- 7 Dialogic Learning
- **₹** Civic Engagement

Target: Simultaneous use of at least 3 of the 6 standards in each activity to shelter instruction

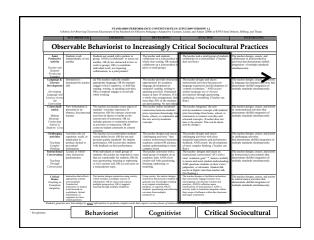


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# Standards Performance Continuum Plus (SPC Plus) - A tested, validated, and peer reviewed classroom observation rubric - Developed for self-assessment, use with teachers in coaching professional development, and evaluation of professional development - Allows study of teacher pedagogy and student achievement patterns - Five Point Rubric: - Not Observed 0 - Emerging 1 - Developing 2 - Enacting 3 - Integrating 4 (3 x 3 rule) - Indicates levels of "least learning" to "most learning" particularly for culturally and linguistically diverse students



### **Expert Group Video Analysis**

- 7 How are critical sociocultural principles of learning made visible when sheltering instruction?
- Using the SPC Plus rubric for your assigned standards, we will be analyzing video clips in expert groups. Each group will only focus on only two standard.
- **7** The process
  - 7 View
  - $\ensuremath{\nearrow}$  Individually rate for your assigned standard
  - $\ensuremath{\nearrow}$  Discuss as a group your ratings and have a rationale
  - **> →** Debrief on all Six Standards as a class

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# Video Clip One 7 View 7 Individually rate for your assigned standard 7 Discuss as a group your rating & rationale 7 Debrief on all Six Standards as a class

## Video Clip Two

- 7 View
- **₹** Individually rate for your assigned standard
- Discuss as a group your rating & rationale
- **7** Debrief on all Six Standards as a class



Video Clip Three



### Let's Reflect on Our Design Principles

(Teemant, 2005)

- Pay attention to the adult learner
   Use dialogue and social interaction to reveal and build upon personal practical knowledge of teaching, which emerges out of who learners are and their current conceptions of
- teaching.

  2. Develop learner autonomy
  Support teachers in questioning practice from multiple perspectives to develop flexibility
- and cognitive complexity.

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Systematically make visible to learners the theory of practice and the practice of theory
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statements and solution paths, increasing their cognitive complexity.

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Encourage varied theoretical explanation of teaching events to develop learner flexibility
in attending to the content, context, pedagogy, and student layers of teaching.

### **5 Minute Stretch Break**





## **Thinking About Coaching**

### Instructional Coaching is...

- ...a specialty niche within educational coaching whose signature purpose is to support teachers in implementing effective practices to improve student learning. (Knight, 2004; Kowal & Steiner, 2007).
- ...a form of inquiry-based learning characterized by collaboration between individual, or groups of, teachers and more accomplished peers. (Poglinco, et. al., 2003)

### The Instructional Coach...

- ...is a <u>learning partner</u>, collaborator, and at times, a teacher-mentor (Knight, 2007; Lipton & Wellman, 2003).
- ...mediates teachers' learning through <u>dialogue</u>, <u>reflective inquiry</u>, <u>and reciprocity</u> of learning between coach and teacher (*Costa & Garmston*, 2002; Knight, 2007; Hilberg, Doherty & Reveles, 2004).

### Research on Coaching

- Coaching is one of the most promising methods in helping teachers change, improve, and sustain new instructional behaviors over time (Teemant, 2011; Teemant, Wink & Tyru, 2011; Cornett & Knight, 2009; Knight, 2004, 2007; Joyce & Showers, 1995, 2002; Speck & Knipe, 2001; Sparks & Hirsch, 1997).
- Coaching has a positive impact on <u>teacher attitudes</u>; promotes <u>implementation of newly learned skills</u>; develops an improved <u>sense of teacher self-efficacy</u>; and <u>improves student achievement</u> (Cornett & Knight, 2009).
- With one on one coaching support, teachers implement and sustain 80-90% of what they have learned.

# **Critical Sociocultural Theory**

### Sociocultural Theory

- To be effective assistance must be within the zone of proximal development.
- It should assist students in moving from needing assistance from others to being selfregulated as they progress to internalization and
- Increased student engagement and ownership for learning.

### **Critical Social Theory**

- Recognition considers the social, political, historical, cultural, and economic context in which students and teachers interact with one another.
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### **Professional Development Model**

STAGE 1: Intensive Workshop: 30 hours

5 Days The Six Standards for Effective Pedagogy Instructional Model

STAGE 2: Job-Embedded Coaching: 14 hours, Seven Sessions Across Year

Phase 1: Joint Lesson Planning Conference (30 minutes)

Phase 2: Classroom Observation (45 minutes)

Phase 3: Post-Observation Conference (30 minutes)

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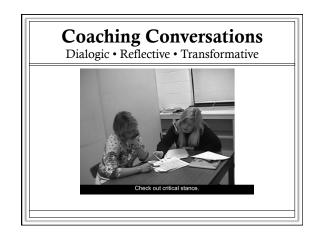
# \*Next steps \*Reflect \*Gathering data \*Purposeful \*Scripting \*Scripting \*Transformation Transparency Trust \*Identity \*Agency \*Pedagogy \*Personal \*Plan \*Prepare \*Collaborate \*Co-construct \*Co-construct

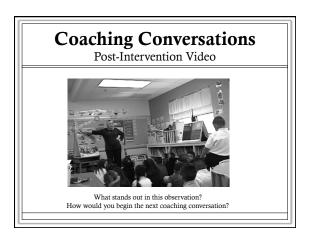
# Baseline Video

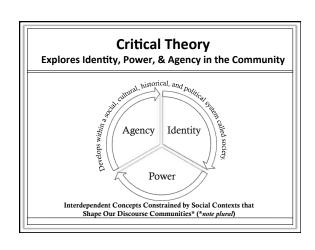


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### **Key Definitions** POWER IDENTITY AGENCY Definition: Definition: ability to act or produce an effect the capacity of an agent (a person or other entity, human or any living being in general) to act in a world. who someone is : the name of a person capacity for being acted upon or undergoing an effect the qualities. possession of control, authority, or influence over others the qualities, beliefs, etc., that make a particular person or group different from others physical might mental or moral efficacy political control or influence Agency answers the question "How will I choose to make or remake myself, my activities, relationships, or histories? To what degree do we have the Power answers these questions: Identity answers the "What knowledge do I have access to and control of?" question "Who am I?" "Whose knowledge is valued and who decides?" agency to be ourselves "How is power distributed in teacher-student relationships? or to remake ourselves?

# Power - New receives the deportunities to make and remoke themselves, their discovering to white describe the deportunities to make and remoke themselves, their discovering their discovering

### Now she is a coach...

- AT: How is that, having this role now.... How is it changing how you saw what you
  did, yourself, as a teacher and now...?
- RL: I wasn't do it right (giggles).
- AT: Tell us more. (giggles)
- RL: Well, my IC's were good. I always had a good IC planned, but then my other centers were a lot of skill-based and  $\dots$
- AT: They were (giggles).

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## **Questions & Comments**

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