# GEORGE MASON UNIVERSITY COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT TRANSFORMATIVE TEACHING PROGRAM

EDUC 667 DL1 Teacher Inquiry in Practice II (Credits: 3) Spring 2021

#### **PROFESSORS:**

Names: Betsy DeMulder, PhD Stacia Stribling, PhD Office hours: By Appointment By Appointment Office: 2505 Thompson, Ffx APTDIE Suite, Ffx Phone: 703-993-8326 703-993-8326 Email: edemulde@gmu.edu sstribli@gmu.edu

#### **COURSE DESCRIPTION:**

**A.** Prerequisite: Admission into the MEd Curriculum and Instruction concentration in Transformative Teaching program; completion of the EDUC 663 Culturally Relevant Pedagogy Course and the EDUC 665 Teacher Inquiry in Practice I Course.

**B.** Builds on the teacher research project begun in Teacher Inquiry in Practice I as teachers continue to address their pedagogical questions, take actions to improve teaching and learning, gather, analyze and interpret multiple forms of data, and share their experience in communities of practice.

#### **DELIVERY METHOD:**

This course will be delivered online (76% or more) using both synchronous and asynchronous formats via Blackboard Learning Management system (LMS) housed in the MyMason portal. You will log in to the Blackboard (Bb) course site using your Mason email name (everything before @masonlive.gmu.edu) and email password. The course site will be available by January 18.

Under no circumstances, may candidates/students participate in online class sessions (either by phone or Internet) while operating motor vehicles. Further, as expected in a face-to-face class meeting, such online participation requires undivided attention to course content and communication.

#### **TECHNICAL REQUIREMENTS:**

To participate in this course, students will need to satisfy the following technical requirements:

- High-speed Internet access with a standard up-to-date browser, either Internet Explorer or Mozilla Firefox is required (note: Opera and Safari are not compatible with Blackboard).
- Students must maintain consistent and reliable access to their GMU email and Blackboard, as these are the official methods of communication for this course.
- Students will need a headset microphone for use with the Blackboard Collaborate web conferencing tool.
- Students may be asked to create logins and passwords on supplemental websites and/or to download trial software to their computer or tablet as part of course requirements.
- The following software plug-ins for PCs and Macs, respectively, are available for free download:
  - ➤ Adobe Acrobat Reader: https://get.adobe.com/reader/
  - ➤ Windows Media Player:
    - https://windows.microsoft.com/en-us/windows/downloads/windows-media-player/
  - Apple Quick Time Player: <a href="www.apple.com/quicktime/download/">www.apple.com/quicktime/download/</a>

#### **EXPECTATIONS:**

- Course Participation: Active and consistent participation in the course as described in the individual course syllabus is extremely important for online courses. Students are expected to actively engage in all course activities throughout the semester, which include viewing of all course materials, completing course activities and assignments, and participating in course discussions and group interactions. The completion of all readings assigned for the course is assumed. Online courses will, at a minimum, have weekly requirements for student participation that can be documented by any or all of the following methods:
  - ➤ Submission/completion of assignments as specified by the professors
  - ➤ Communication with the professors
  - ➤ Active, meaningful, and respectful communication with peers

Expect to log in to this course at least 3 times a week to read announcements, participate in the discussions, and work on course materials. Students must also regularly check their GMU email for communications from the instructors. Remember, this course is **not** self-paced. There are **specific deadlines** and **due dates** listed in the **CLASS SCHEDULE** section of this syllabus to which you are expected to adhere. It is the student's responsibility to keep track of the weekly course schedule of topics, readings, activities and assignments due.

- Written Assignments: All formal written assignments will be evaluated for content and presentation. (Formal assignments do not include Blackboard discussions, class/course feedback, inclass reflections or journaling) The American Psychological Association, Sixth Edition (APA) style guide should be followed for formal written assignments. All written work unless otherwise noted must be completed on a word processor and should be proofread carefully. (Use spell check!) If students are not confident of their own ability to catch errors, they should have another person proofread their work. When in doubt, they should check the APA manual. Portions of the APA manual appear at the Style Manuals link on the Mason library web guide at <a href="http://library.gmu.edu/resources/edu/">http://library.gmu.edu/resources/edu/</a>. Students may consult the Writing Center for additional writing support. Students will do the following:
  - ➤ Present ideas in a clear, concise, and organized manner. (Avoid wordiness and redundancy.)
  - > Develop points coherently, definitively, and thoroughly.
  - ➤ Refer to appropriate authorities, studies, and examples to document where appropriate. (Avoid meaningless generalizations, unwarranted assumptions, and unsupported opinions.)
  - ➤ Use correct capitalization, punctuation, spelling, and grammar.
- Sessions: Because our online courses do not have a "fixed" meeting day, our session will generally start on Wednesday and finish on Tuesday. Synchronous meetings will be arranged as needed.
- **Technical Competence**: Students are expected to demonstrate competence in the use of all course technology. Students are expected to seek assistance if they are struggling with technical components of the course.
- **Technical Issues**: Students should expect that they could experience some technical difficulties at some point in the semester and should, therefore, budget their time accordingly.
- Mentoring/Advising: If you would like to schedule a one-on-one meeting to discuss course requirements, content or other course-related issues, and you are unable to come to the Mason campus, we can meet via telephone or web conference. Send an email to your instructors to schedule your one-on-one session and include your preferred meeting method and suggested dates/times.
- **Netiquette:** Our goal is to be **collaborative**, not combative. Experience shows that even an innocent remark in the online environment can be misconstrued. We suggest that you always re-read your

responses carefully before you post them to encourage others from taking them as personal attacks. **Be positive in your approach to others and diplomatic with your words.** We will do the same. Remember, you are not competing with each other but sharing information and learning from one another as well as from the instructors.

#### **LEARNER OBJECTIVES:**

This course is designed to enable students to:

- 1. Further develop as researchers and reflective practitioners,
- 2. Carry out, write, and present a classroom research project,
- 3. Frame research inquiries around moral/ethical purposes and on moral/ethical truths, and
- 4. Develop a critical perspective on issues related to teaching and learning.

#### PROFESSIONAL STANDARDS:

This course fits with the core values of the College of Education and Human Development, which include collaboration, research-based practice, innovation, ethical leadership, and social justice.

This course is designed to meet the following professional teaching standards:

- GMU Dispositions for a Career Educator I, II, and III
  - Commitment to the Profession
  - o Commitment to Honoring Professional Ethical Standards
  - o Commitment to Key Elements of Professional Knowledge
- Teachers College Columbia Teacher Expectations I and II
  - Lifelong Learners
  - Learner-Centered Educators
- NBPTS Propositions 2, 3, and 4
  - o Teachers Know the Subjects They Teach and How to Teach Those Subjects to Students
  - o Teachers are Responsible for Managing and Monitoring Student Learning
  - o Teachers Think Systematically about Their Practice and Learn from Experience

#### **REQUIRED TEXTS:**

Cochran-Smith, M., and Lytle, S.L. (2009). *Inquiry as stance: Practitioner research for the next generation*. New York: Teachers College Press. (selected chapters)

McDonough, K. (2009). Pathways to critical consciousness: A first-year teacher's engagement with issues of race and equity. *Journal of Teacher Education* 60(5) 528–537.

Teaching Tolerance magazine: Articles from the Teaching Tolerance magazine provide a range of explorations of structural, systemic and institutional injustices. These issues influence the interpersonal and professional relationships in our schools. As educators, we may feel overwhelmed by the scope and complexity of the injustices, but our critical consciousness calls us to use our insights and skills to work to eliminate injustices faced by many children who enter our classrooms.

To prepare for our Zoom discussion in Session 4, you are tasked as follows:

• Select at least three readings (total) from one or both of the 2020 issues of Teaching Tolerance Magazine. (You can access these through their website or by clicking on the links to the PDFs.)

https://www.tolerance.org/magazine/fall-2020 https://www.tolerance.org/magazine/spring-2020

- Consider the intersections among the articles you chose and your own experiences.
- What are some specific actions you have taken or can take in your classroom and school to address the issues raised in the Teaching Tolerance readings?

<u>Additional Resources:</u> We have also included some additional resources – articles and some videos – in the Readings and Other Resources folder. These are available for you to peruse when/if you have time.

#### **Articles:**

- Standardized testing and curricula, Activism is Good Teaching: <a href="http://www.rethinkingschools.org/archive/30\_02/30-2\_crawford-garrett">http://www.rethinkingschools.org/archive/30\_02/30-2\_crawford-garrett</a> perez sanchez short tyson.shtml
- Blaming Mothers for disabilities: <a href="http://www.rethinkingschools.org/archive/30\_02/30-2\_colker.shtml">http://www.rethinkingschools.org/archive/30\_02/30-2\_colker.shtml</a>
- Restorative justice; <a href="http://www.rethinkingschools.org/archive/29">http://www.rethinkingschools.org/archive/29</a> 01/edit1291.shtml
- Climate justice; <a href="http://www.rethinkingschools.org/archive/25">http://www.rethinkingschools.org/archive/25</a> 03/edit253.shtml
- Climate Change: <a href="https://www.rethinkingschools.org/articles/where-are-the-climate-change-superheroes">https://www.rethinkingschools.org/articles/where-are-the-climate-change-superheroes</a>
- Islamophobia, <a href="http://www.tolerance.org/blog/teaching-uncertainty">http://www.tolerance.org/blog/teaching-uncertainty</a>
- **Islamophobia**; <a href="http://indykids.org/salam-i-come-in-peace-muslims-stand-up-against-islamophobia/">http://indykids.org/salam-i-come-in-peace-muslims-stand-up-against-islamophobia/</a>
- Islamophobia: https://www.rethinkingschools.org/articles/rethinking-islamophobia
- Gun violence; http://indykids.org/imagine-peace-activists-call-for-an-end-to-gun-violence/
- Civil rights/voting rights; <a href="http://indykids.org/civil-rights-then-and-now/">http://indykids.org/civil-rights-then-and-now/</a>
- Black Lives Matter: <a href="https://www.rethinkingschools.org/articles/how-one-elementary-school-sparked-a-citywide-movement-to-make-black-students-lives-matter">https://www.rethinkingschools.org/articles/how-one-elementary-school-sparked-a-citywide-movement-to-make-black-students-lives-matter</a>
- **Homelessness**; http://indykids.org/youth-homelessness-on-the-rise/
- ICE & Deportation: <a href="https://www.rethinkingschools.org/articles/aren-t-grown-ups-supposed-to-keep-kids-safe">https://www.rethinkingschools.org/articles/aren-t-grown-ups-supposed-to-keep-kids-safe</a>
- Critical Physics: <a href="https://www.rethinkingschools.org/articles/did-any-of-you-just-search-for-physicist">https://www.rethinkingschools.org/articles/did-any-of-you-just-search-for-physicist</a>
- Rape Culture: <a href="https://www.rethinkingschools.org/articles/how-could-you-let-this-happen">https://www.rethinkingschools.org/articles/how-could-you-let-this-happen</a>
- **Family deportations**: <a href="http://indykids.org/no-voice-in-america-when-my-family-was-torn-apart-by-deportation/">http://indykids.org/no-voice-in-america-when-my-family-was-torn-apart-by-deportation/</a>
- **Giftedness:** <a href="https://www.rethinkingschools.org/articles/what-about-the-students-who-are-not-labeled-as-gifted">https://www.rethinkingschools.org/articles/what-about-the-students-who-are-not-labeled-as-gifted</a>
- Ebola: Teaching Science, Race and Media: <a href="https://www.rethinkingschools.org/articles/ebola-teaching-science-race-and-the-media">https://www.rethinkingschools.org/articles/ebola-teaching-science-race-and-the-media</a>

#### Videos:

- Immigration: Urban Education video on immigration that references 9500 Liberty https://vimeo.com/channels/urbaneducation/6948845
- The Crucifixion of Colored Town: Mass Incarceration in Miami: https://www.youtube.com/watch?v=y8OIRySjAco
- A Walk in My Shoes: Social Justice in Education Full Documentary: https://www.youtube.com/watch?v=QWdcN2RSHhI
- Religious diversity in the classroom:

  https://www.youtube.com/watch?pst=PLuxWvTjFf7sXupo\_\_eEPdBBqyUEwmgMdd&v=wwKs2JwzvLc

\*Please Note: Additional articles, chapters, PowerPoint presentations, and media will be distributed and/or posted on Blackboard as needed. You should also be doing some background reading on your chosen research topic.

Teacher Research Journal Reflections (Assesses objectives 1, 2, 3, and 4).

#### **COURSE ASSIGNMENTS (aligned with outcomes/objectives)**

#### 1. Assignment descriptions

- Class Participation (Assesses objectives 1, 2, 3, and 4)
- The teacher research project that you will engage in this semester is an ongoing project that you started in the fall. The reflection assignment provides you with an opportunity to formalize your thinking and actions around your research project and to allow your mentor to see where you are so that we can offer our support. Throughout the course, you must be engaged in reflection and ongoing dialogue about the research problem and process, drawing on classmates' knowledge and experience to address new and unresolved questions and issues. This work will allow you to generate ideas and to consider and negotiate interpretations of evidence that will result in a fuller understanding of your teaching and your students' learning. Given our ongoing emphasis
- on critical pedagogy, learner-centered teaching, and culturally relevant pedagogy, you are encouraged to consider incorporating one or more of these approaches as part of your research to improve teaching and learning in your classroom and school. There are three assigned journal reflections this semester. Each will have a set of reflection prompts for you to address.

  Final Research Report (Assesses objectives 1, 2, 3, and 4). This report will provide you with an
- Final Research Report (Assesses objectives 1, 2, 3, and 4). This report will provide you with an opportunity to take a strong critical stance as you formally reflect upon the progress you have made in your yearlong teacher research project and to publicly share your insights. You should be continually reflecting and dialoguing with classmates and your students about your research problem and process and negotiating interpretations of evidence; the impact of this dialogue on your thinking and research progress should be documented in this report. Detailed guidelines will be provided. You will be sharing a working draft of your report with your mentor in March and with a peer in April in order to have continuous feedback and a fully polished report to hand in in May. (Your research will not be completed in March, but your working draft will help you to identify gaps where additional strategies, data, and analysis are needed.)

#### 2. Assignment weighting

Class Participation		
Sessi	on #2 10	points
Sessi	on #3 10	points
Sessi	on #4 10	points
Teacher Research Journal R	eflections	
Reflection #8		points
Refle	ection #9 10	points
Refle	ection #10   10	points
Final Research Report	40	points

#### 3. Grading policy: Grade distribution

95-100	Α
90-94	A-
87-89	B+
83-86	В
80-82	B-
75-79	C
74 and below	F

#### TK20 PERFORMANCE-BASED ASSESSMENT SUBMISSION REQUIREMENT

There is no required performance-based assessment for this course.

#### PROFESSIONAL DISPOSITIONS

Students are expected to exhibit professional behaviors and dispositions at all times.

#### **CORE VALUES COMMITMENT**

The College of Education and Human Development is committed to collaboration, ethical leadership, innovation, research-based practice, and social justice. Students are expected to adhere to these principles: <a href="http://cehd.gmu.edu/values/">http://cehd.gmu.edu/values/</a>.

# GMU POLICIES AND RESOURCES FOR STUDENTS Policies

- Students must adhere to the guidelines of the Mason Honor Code (see <a href="http://oai.gmu.edu/the-mason-honor-code/">http://oai.gmu.edu/the-mason-honor-code/</a>).
  - 1. Students must follow the university policy for Responsible Use of Computing (see <a href="https://universitypolicy.gmu.edu/policies/responsible-use-of-computing/">https://universitypolicy.gmu.edu/policies/responsible-use-of-computing/</a>).
- Students are responsible for the content of university communications sent to their Mason email account and are required to activate their account and check it regularly. All communication from the university, college, school, and program will be sent to students **solely** through their Mason email account.
- Students with disabilities who seek accommodations in a course must be registered with George Mason University Disability Services. Approved accommodations will begin at the time the written letter from Disability Services is received by the instructor (see <a href="https://ds.gmu.edu">https://ds.gmu.edu</a>).
- Students must follow the university policy stating that all sound emitting devices shall be silenced during class unless otherwise authorized by the instructor.

#### **Campus Resources**

- Support for submission of assignments to Tk20 should be directed to <u>tk20help@gmu.edu</u> or <u>https://cehd.gmu.edu/aero/tk20</u>. Questions or concerns regarding use of Blackboard should be directed to <u>https://its.gmu.edu/knowledge-base/blackboard-instructional-technology-support-for-students/.
  </u>
- The Writing Center provides a variety of resources and services (e.g., tutoring, workshops, writing guides, handbooks) intended to support students as they work to construct and share knowledge through writing (see <a href="http://writingcenter.gmu.edu/">http://writingcenter.gmu.edu/</a>).
- The Counseling and Psychological Services (CAPS) staff consists of professional counseling and clinical psychologists, social workers, and counselors who offer a wide range of services (e.g., individual and group counseling, workshops and outreach programs) to enhance students' personal experience and academic performance (see <a href="http://caps.gmu.edu/">http://caps.gmu.edu/</a>).

- Notice of mandatory reporting of sexual assault, interpersonal violence, and stalking: As a faculty member, I am designated as a "Responsible Employee," and must report all disclosures of sexual assault, interpersonal violence, and stalking to Mason's Title IX Coordinator per University Policy 1202. If you wish to speak with someone confidentially, please contact one of Mason's confidential resources, such as Student Support and Advocacy Center (SSAC) at 703-380-1434 or Counseling and Psychological Services (CAPS) at 703-993-2380. You may also seek assistance from Mason's Title IX Coordinator by calling 703-993-8730, or emailing titleix@gmu.edu.
- The Student Support & Advocacy Center staff helps students develop and maintain healthy lifestyles through confidential one-on-one support as well as through interactive programs and resources. Some of the topics they address are healthy relationships, stress management, nutrition, sexual assault, drug and alcohol use, and sexual health (see <a href="http://ssac.gmu.edu/">http://ssac.gmu.edu/</a>). Students in need of these services may contact the office by phone at 703-993-3686. Concerned students, faculty and staff may also make a referral to express concern for the safety or well-being of a Mason student or the community by going to <a href="http://ssac.gmu.edu/make-a-referral/">http://ssac.gmu.edu/make-a-referral/</a>.

For additional information on the College of Education and Human Development, please visit our website <a href="https://cehd.gmu.edu/">https://cehd.gmu.edu/</a>.

## EDUC 667/669 Class Schedule The two courses are integrated for the spring semester

Sessions	Readings & Assignments
Session 1 (2 weeks)  Dates: Jan. 27 – Feb. 9  Topics: Critical consciousness; Teacher Research	<ol> <li>Read: the EDUC 667 syllabus and the EDUC 669 syllabus prior to watching the three video overviews of the spring semester</li> <li>Watch the introductory video (includes information about both courses):</li> <li>Read:         <ul> <li>Cochran-Smith &amp; Lytle (chapters 5 &amp; 7)</li> <li>McDonough article</li> </ul> </li> <li>Synchronous meeting on Zoom (Wednesday, Feb. 3 or Sunday, Feb. 7) – discussion of readings and research progress 10pts.</li> <li>Due Feb. 9: Teacher Research Journal Reflection #8 – related to critical consciousness/ethics/policy; how your writing has shaped the story. 10pts.</li> </ol>
Session 2 (2 weeks)  Dates: Feb. 10 – Feb. 23  Topics: Data Analysis and Claims	<ol> <li>Read &amp; Watch:         <ul> <li>a. Cochran-Smith &amp; Lytle text (chapter 12)</li> <li>b. Video explaining triangulation</li> </ul> </li> <li>Due Feb. 23: Teacher Research Journal Reflection</li> </ol>

	<ul> <li>#9 Instructions and prompts for this journal entry found in "Assignments" 10 pts.</li> <li>3. Synchronous meeting on Zoom (Wednesday, Feb.17 or Sunday, Feb. 21) – Data analysis 10pts.</li> <li>4. Due Feb. 23: Portfolio Graphic Organizer 20 pts.</li> </ul>
Session 3 (2 weeks)  Dates: Feb. 24 – March 9  Topics: Teacher Research Impact	<ol> <li>Synchronous meeting on Zoom (Wednesday, March 3 or Sunday, March 7) w/critical friends in breakout rooms – data analysis activity 10pts.</li> <li>Due March 9: Teacher Research Journal Reflection #10 10pts.</li> </ol>
Session 4 (3 weeks)  Dates: March 10 – March 30  Topics: Teaching & Learning; Portfolio Development	<ol> <li>Read/view: Three readings (total) from one or both of the 2020 issues of Teaching Tolerance Magazine:         <ul> <li>https://www.tolerance.org/magazine/fall-2020</li> <li>https://www.tolerance.org/magazine/spring-2020</li> </ul> </li> <li>To prepare for our Zoom discussion, you are tasked as follows:         <ul> <li>Consider the intersections among the articles you chose and your own experiences.</li> <li>What are some specific actions you have taken or can take in your classroom and school to address the issues raised in the Teaching Tolerance readings?</li> </ul> </li> <li>Due Sunday, March 14: A working draft of your research report and any questions - email to your mentor. 5 pts.</li> <li>Synchronous meeting on Zoom (Wednesday, March 24 or Sunday, March 28) Discussion of readings and research progress. 5pts.</li> </ol>
Session 5 (2 weeks)  Dates: March 31 – April 13  Topics: Teacher Research Reflection, Dialogue and Refinement	<ol> <li>Synchronous meeting on Zoom (Wednesday, April 7 or Sunday, April 11) – discuss progress on the developmental portfolio. 5 pts.</li> <li>Due April 1-8: Critical Friends share research – send to your partner the working draft of your research report and highlight a section that you struggled with. Then set up a sharing meeting time. Collaboratively write a synopsis of your discussion.</li> <li>Due April 13: Share section &amp; synopsis w/mentor – Send to your mentor the section(s) of your working</li> </ol>

	draft on which you received feedback from your critical friend and include a synopsis of your critical friend discussion. <i>5 pts</i> .
Session 6 (2 weeks)  Dates: April 14 – April 27	<ol> <li>Due April 20: Critical Consciousness         Developmental Portfolio Photonarrative. 50 pts.</li> <li>Due April 27: Final teacher research report. 40 pts.</li> <li>Due April 27: Complete end of semester/program reflective feedback. 10 pts.</li> <li>Graduation!! Commencement/Degree Celebration: TBD</li> </ol>

Note: Faculty reserve the right to alter the schedule as necessary, with notification to students.

### **ASSESSMENT RUBRIC:**

The PBA will be assessed according to the professional standards and the specific assignment guidelines using the following rubric:

# **Teacher Inquiry in Practice II**

Assignment rubric

	Beginning	<b>Developing</b>	Accomplished	Exemplary
CRITERIA	(Does not	(Meets	(Exceeds	(Exceeds standards)
	meet	standards)	standards)	
	standards)			
	1	2	3	4
	Beginning to	Generates	Creative problem-	Metacognitive and
Imagination	take risks	multiple	solving technique	innovative thinking and
and Creativity	beyond what is	possibilities	includes multiple	practice derived from
(GMU I, TC II)	familiar	before	possibilities,	creative problem
		attempting to	research, divergent	solving that sparks more
		solve problems	and convergent	questions, possibilities,
		creatively	thinking, and	and creativity for self
			tenacity	and students.
				Overcomes social and
				material obstacles
	Beginning to	Questions own	Consistently	Metacognitively
Theorizing/Praxis	question own	thinking about	questions own	synthesizes own and
(GMU I, TC II,	thinking about	pedagogy and	thinking about	others' theories,
NBPTS 3)	pedagogy or	practice	pedagogy and	hypotheses, and
	practice		practice w/	research and connects
			students and	them to practice and
			families, seeks	uses practice to test
			research texts and	theory
			studies, and	
			applies theories to	
			shape practice	

Content Depth (GMU III, TC II, NBPTS 2, NETS-T 1,2,3,4,5)  Research skills and social change (GMU II, TC 1, NBPTS 4)	Demonstrates uneven skill and knowledge about the disciplines and practices that you present  Demonstrates minimal understanding of the research process and potential impact on	Demonstrates skill and knowledge about the trends, theories, or disciplinary practices in education  Demonstrates clear understanding of the research process and potential impact on	Demonstrates skill and knowledge about the trends, controversies, theories, and disciplinary practices in teaching and effectively applies skills and knowledge to create critical, imaginative, and creative thinking for all students.  Demonstrates clear understanding of the research process and potential impact on practice; demonstrates	Demonstrates critical metacognition about skill and knowledge on the trends, trends, theories, and disciplinary practices in teaching and learning and effectively applies skills and knowledge to create critical, imaginative, creative, and relevant multicultural curricula for all students.  Demonstrates clear understanding of the research process and potential impact on practice; demonstrates imaginative, creative,
	practice.	practice.	imaginative, creative, and critical thought about some aspect of the research process.	and critical thought in all aspects of the research process.
Elements of the	Fails to	Minimally	Adequately	Thoughtfully addresses
Research Report	address all required	addresses all elements of the	addresses all elements of the	all elements of the research report
	elements of the	research report	research report	
	research report			
Data Collection	No data was collected	Notes were taken on observations and/or conversations with students and parents.	Rich notes were taken on observations and conversations with students and parents.	Detailed descriptive and analytic notes were taken on observations and conversations with students and parents.

Data Analysis	Data were not analyzed	Observations and/or conversations were minimally analyzed although assumptions were left unexamined.	Observations and conversations were systematically analyzed and assumptions were examined.	Observations and conversations were analyzed in a sophisticated way: multiple interpretations were used, assumptions were carefully examined, and data were triangulated
Claims and Conclusions	There were no claims or the claims made were not supported by the data	Claims were minimally supported by the data	Claims were adequately supported by the data	Claims were supported not only by the data, but by existing literature and theories