

Appendix 1:

Instruments of Data Collection

Pre-Survey Prompts	Post-Survey Prompts
<ol style="list-style-type: none"> 1. What is one thing you like about teaching math at [City High School]? 2. How well do you know your students? 3. If you could rank how well you know your students from 1 to 10 (with 1 being a complete stranger and 10 as knowing them like a friend or family member)? 4. Which student do you plan on interviewing? Why? 5. In what ways is this student different from you? 6. In what ways is this student similar to you? 7. Is this student a low, medium or high achiever in your math classroom? Why did you choose that category? 8. What do you already know about the student's ideas and their attitudes towards math? 9. What do you know about the student's interest and activities (in school/out of school)? 10. What do you know about this student's home and community? 11. What do you expect to learn from this interview? 	<ol style="list-style-type: none"> 1. What is one thing you like about teaching math at [City High School]? 2. How well do you know your students? 3. If you could rank how well you know your students from 1 to 10 (with 1 being a complete stranger and 10 as knowing them like a friend or family member)? 4. Which student did you interview? Why? 5. Did you discover anything new about that student that makes them different from you? 6. Did you discover anything new about that student that makes them similar to you? 7. After interviewing, do you think the student is a low, medium or high achiever in your math classroom? Why did it change or stay the same? 8. What did you find out about the student's ideas and their attitudes towards math? 9. What do you know about the student's interest and activities (in school/out of school)? 10. What do you know about this student's home and community? 11. What did you learn (or take away) from this interview?

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Teacher Debrief Questions (outline):

1. How did the interview go?
2. Did you feel that the interview was successful?
3. How so?
4. What was some unexpected challenges?
5. Were there any communication challenges?
6. What did you find were valuable questions that allowed the student to open up?
7. How did the interview help you get familiar with the student?
8. Is there anything else you wished you would have asked?
9. How might you use the information you learned about this student? In the classroom or during? What about when you plan? Or out of school?
10. If time left:
11. This interview is generally suggested for pre-service teachers. Why might that be?
12. How did you find it useful since you are an experienced/practiced teacher?