

Code: _____

Problems and Research to Integrate Science and Mathematics Teaching Practices Survey



Circle the answer that best describes the extent to which you agree or disagree with each of the following statements:

| I feel confident: | | | | |
|---|-------------------|-----------------|--------------|----------------|
| 1. Choosing QCC/GPS goals for my lesson plans. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 2. Determining the most effective pedagogy to meet QCC/GPS goals. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 3. Successfully using different pedagogical approaches to meet QCC/GPS goals. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 4. Motivating students to engage and invest actively in the course. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 5. Using active learning techniques to enhance student learning. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 6. Using student-centered learning in my classroom. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 7. Using group work to enhance student learning. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 8. Helping students connect new information to their prior knowledge. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 9. Helping students recognize and unlearn mis- and pre-conceptions. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 10. Helping students discover real world applications for course information. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 11. Assessing learning when using constructivist methods. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |

| | | | | |
|---|-------------------|-----------------|--------------|----------------|
| 12. Helping students make better use of their self-directed study time. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 13. Eliciting and using student feedback effectively to improve student learning. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 14. Using Investigative Case-Based Learning in my classroom. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 15. Using Problem-Based Learning in my classroom. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |

| | | | | |
|--|-------------------|-----------------|--------------|----------------|
| I am satisfied with: | | | | |
| 16. The motivation of my students. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 17. The learning my students achieve. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 18. The curiosity my students exhibit. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 19. The critical thinking ability my students achieve. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |
| 20. The initiative my students show in self-directed learning. | Strongly Disagree | Partly Disagree | Partly Agree | Strongly Agree |