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Format: Multiple-choice, Agree/disagree

Duration: 8-10 minutes

Focus: Beliefs / Attitudes (Facts about Teaching, Salary, Teaching is a Good Career, Teacher Satisfaction, Respects Profession, Advising & Support, Teaching Advocate, Teaching is a STEM Profession, Faculty Support, Career Option)

Level: Upper-level, Intermediate, Intro college

How to give the test

- The PTaP.HE can be given as a paper/pencil survey or online using SurveyMonkey (PTaP.HE). If you would like to give the PTaP.HE using SurveyMonkey, please [contact](#) the developers first.
- Give the survey once to learn about how faculty perceive the teaching profession.
- Use the whole survey, with the original wording and question order. This makes comparisons with other classes meaningful.
- For more details, read the **PhysPort Guides** on implementation:
 - **PhysPort PTaP.HE implementation guide** (www.physport.org/implementation/PTAPHE)

How to score the test

- Download the scoring rubric from PhysPort (www.physport.org/key/PTaPHE)
- The percent favorable score is the percent of statements where the response is consistent with the expert response. For some questions, the expert response is fact-based, and the expert response is simply the correct answer. For the rest of the questions, the perceptions of those that are successfully involved with the recruiting and preparation of teacher candidates served as the expert response.
- The percent favorable for each category can be found using the categories in the "Clusters" section.

PERCEPTIONS OF TEACHING AS A PROFESSION FOR HIGHER EDUCATION SURVEY

Following are a number of statements that may or may not describe your beliefs about **grade 7-12 math and science teaching**. You are asked to rate each statement by selecting one of the following options (unless otherwise indicated):

1. Strongly Disagree
2. Disagree
3. Neutral
4. Agree
5. Strongly Agree

Choose one of the above five choices that best expresses your feeling about the statement. If you don't understand a statement, leave it blank. If you have no strong opinion, choose Neutral.

1. Student loan forgiveness programs are available to grade 7-12 math and science teachers.
2. I regularly discuss general career options with students.
3. I regularly discuss grade 7-12 math or science teaching as a career option with students.
4. I am selective about who I encourage to become a grade 7-12 math or science teacher.
5. I have at least one colleague in my department who thinks grade 7-12 math and science teaching is a valuable profession.
6. I have the name and contact information of someone at my institution who can tell students how to get certified as a grade 7-12 math or science teacher.
7. I think grade 7-12 math or science teaching would be an enjoyable career day-to-day.
8. I think grade 7-12 math or science teaching would be a fulfilling career for a STEM major.
9. Other faculty in my department discuss grade 7-12 math or science teaching as a career option with students.
10. Students are encouraged to consider grade 7-12 math or science teaching by other faculty in my department.
11. I discourage our majors from pursuing grade 7-12 math or science teaching.
12. What percentage of STEM students do you think expressed some level of interest when answering the following question: *"How interested are you in being a middle or high school teacher?"*
 - a. less than 5%
 - b. 5-10%
 - c. 10-20%
 - d. 20-40%
 - e. 40-60%
 - f. 60-80%
 - g. more than 80%
13. I believe that grade 7-12 math or science teaching is a good back up plan for students when they can't secure other full-time employment.
14. Those who go into grade 7-12 math or science teaching tend to be academically weaker students.
15. Earning a teaching license takes too much time.
16. I would feel comfortable if one of my strongest students went to graduate school.
17. I would feel comfortable if one of my strongest students went into industry.
18. I would feel comfortable if one of my strongest students became a grade 7-12 math or science teacher.
19. I would be happier if my strongest students, even those who have expressed an interest in grade 7-12 math or science teaching, became college professors rather than becoming grade 7-12 teachers.
20. Nearly everyone is capable of understanding math and science if they work at it.

21. Many students just don't have the natural ability to succeed in my subject area.
22. Almost all students can learn any subject with dedication.
23. I consider grade 7-12 math or science teaching a STEM career.
24. Please choose "Agree" to show that you are not a robot.
25. It is beneficial for students to try another career before becoming a grade 7-12 math or science teacher.
26. All grade 7-12 science teachers are scientists.
27. Students in my department who become grade 7-12 math or science teachers are giving up their identity as a scientist or engineer.
28. Teaching pays a lot less than most other careers a student can get with the same degree.
29. Grade 7-12 math and science teachers get paid, on average, better than college/university math and science faculty members.
30. I would be just as proud to tell people that I am a grade 7-12 math or science teacher as I am to tell them that I am a faculty member at my current institution.
31. I would be willing to be a grade 7-12 math or science teacher for a semester.
32. What fraction of all grade 7-12 teachers remain in the profession at year 5? Choose one:
 - a. 28%
 - b. 41%
 - c. 59%
 - d. 79%
 - e. 90%
33. Grade 7-12 teachers have competitive benefits compared to other careers.
34. On average, grade 7-12 teachers can retire before age 60 and not have to work after retirement.
35. What do you think the starting pay would be for a grade 7-12 math or science teacher in a district where students from your department are most likely to be employed? Choose one:
 - a. \$30,000 or less
 - b. About \$40,000
 - c. About \$50,000
 - d. About \$60,000
 - e. \$70,000 or more
36. What do you think the starting pay is for the average graduate with a bachelor's from your department in their first permanent job? Choose one:
 - a. \$30,000 or less
 - b. About \$40,000
 - c. About \$50,000
 - d. About \$60,000
 - e. \$70,000 or more
37. What do you think the mid-career salary is for a grade 7-12 math or science teacher in your local district? Choose one:
 - a. \$50,000 or less
 - b. About \$60,000
 - c. About \$70,000
 - d. About \$80,000
 - e. \$90,000 or more
38. Grade 7-12 teachers typically have strong relationships with their colleagues.
39. Grade 7-12 teachers have control over what and how they teach.
40. Classroom management is one of the biggest challenges that grade 7-12 teachers face.
41. The vast majority of teachers feel respected by parents.
42. Grade 7-12 teachers in the U.S. rate their lives higher than nearly all other occupation groups.