Teacher Survey
for Science, Technology, Engineering, Math, and Computer Science (STEM) Teachers

Dear Teacher: Educational Research Center of America is managing this voluntary survey for the Research Consortium on STEM Career Pathways. The personally identifiable data that you provide may be used by members of the Research Consortium on STEM Career Pathways to contact you about education-related programs and/or services that may be interesting to you. We will not share your information with marketers offering to sell you non-education-related products and services. You can opt-out of these uses at any time with an email to info@studentresearch.org. Educational Research Center of America is not affiliated with any government entity.

Your responses to these research questions are strictly confidential. Your personal information will never be associated with your responses to the research questions. They provide insight for policymakers and nonprofits that want to better serve students and support teachers.

1. What subjects do you teach? (Select ALL courses that apply)
   - Astronomy
   - Biology / Life Sciences
   - Chemistry
   - Coding / Computer Programming
   - Computer Science
   - Construction
   - Earth Sci. / Geosciences
   - Engineering
   - Health Care / Medical
   - Manufacturing
   - Mathematics
   - Physics
   - Other STEM Course
   - Other Non-STEM Course

2. Considering the subjects you teach, do you primarily consider yourself a: (Select ALL that apply)
   - CTE Teacher
   - Health Science Teacher
   - Math Teacher
   - Engineering Teacher
   - Science Teacher
   - Other Non-STEM Course
   - Other STEM Course
   - Other

3. Rate your satisfaction with each of the following aspects of your job: (Select ONE for each)
   1: Very unsatisfied  2: Unsatisfied  3: Mixed feelings  4: Satisfied  5: Extremely satisfied
   - Class size
   - Autonomy
   - Salary + benefits
   - Technology
   - Subjects I teach
   - Students I teach
   - Degree of testing
   - Teacher collaboration
   - Student engagement
   - Facilities and resources
   - Available planning time
   - External collaboration
   - Professional development
   - Support from administration

4. Do you regularly work a second job for pay during the school year? (Select ONE)
   1. Yes  2. No

5. How long have you been teaching? (Select ONE)
   1. Less than 1 year  2. 1 year to 5 years  3. 6 years to 10 years  4. 11 years to 20 years  5. 21+ years

6. How long do you plan to continue teaching? (Select ONE)
   1. Less than 1 year  2. 1 year to 5 years  3. 6 years to 10 years  4. 11 years to 20 years  5. 21+ years

7. What levels of education or training have you achieved? (Select ALL that apply)
   1. Industry Certification / License
   2. Associates Degree
   3. Bachelor’s Degree
   4. Master’s Degree
   5. Doctoral Degree
   6. Other

8. What is your educational preparation for the STEM subjects you teach? (Select ONE)
   1. A college / graduate degree in ALL the STEM subjects I teach
   2. A college / graduate degree in MOST STEM subjects I teach
   3. A college / graduate degree in a STEM subject, but not in STEM subjects I teach
   4. No college / graduate degree in a STEM subject
   5. I do not teach STEM subjects.

9. What was your pathway to teaching STEM subjects? (Select ONE)
   1. Began as STEM teacher right after college
   2. Shifted from non-STEM to STEM teaching duties
   3. Became STEM teacher after non-education career
   4. I do not teach STEM subjects.

10. Please rate the importance of each of the following skills to students’ future success: (Select ONE for each)
    1: Extremely  2: Very  3: Important  4: Somewhat  5: Not at all
    - Collaboration Skills
    - Communication Skills
    - Content Knowledge
    - Creative Thinking Skills
    - Critical Thinking Skills
    - Hands-on / Practical Experience
    - Highly Specialized Knowledge
    - Research Skills
    - Self Confidence
    - Project Management Skills

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11. How familiar do you feel you are with the kinds of careers available to students interested in STEM? (Select ONE)
   2. Very       4. Slightly

12. Are you interested in learning more about the careers available to students interested in STEM? (Select ONE)
   1. Yes        2. No        3. Not Sure

13. Should high school teachers deliberately attempt to boost STEM career interest among students historically underrepresented in STEM careers? (Select ONE)
   1. Yes        2. No        3. Not Sure

14. What long-term impact do you believe that giving girls extra encouragement would have on increasing women's representation in STEM careers? (Select ONE)
   1. None       3. Some      5. A Lot
   2. Little     4. A Lot

15. What type of community do you teach in? (Select ONE)

16. This year I teach the following grades: (Select ALL that apply)
   1. 8th        2. 9th       3. 10th     4. 11th     5. 12th

Please send me:
   ○ Additional surveys for my students: ___________ (number)
   ○ Additional surveys for another teacher: ___________________________ (name)
   ○ Information about effective solutions to increase equity in STEM education in the classroom
   ○ Information about extra-curricular programs for groups underrepresented in STEM
   ○ Information about membership to the American Association of Physics Teachers
   ○ Information about teaching Project Management

*Please provide your email address in the section below to receive the information you've requested.

So we can share with you interesting and helpful information obtained from our research projects, please write your current contact information – including your email address – in the form below.

Unique 11-digit Identification Number (see letter) _____________________________________________

Name ____________________________________________

Title ____________________________________________

High School _______________________________________

School Address ___________________________________

City _____________________________ State ___________ ZIP ____________________________

Email Address ____________________________ @ ___________________________

I have replaced the teacher to whom this survey was addressed:   ○ Yes   ○ No

Estimated school start date in Fall 2020 ___________________________

Thank you for supporting STEM education research and your students' career exploration!

Please feel free to tell your colleagues about participating in this important initiative. A summary of student and educator responses will be shared on studentresearchfoundation.org.