

Science, Technology, Engineering, Math, & Computer Science (STEM) Career Interest Survey

Sponsored by the Research Consortium on STEM Career Pathways



Students: This is a voluntary survey. Please answer each of the questions below. Print clearly in blue or black ink. **Thank you!**

To receive information from colleges & universities, please provide the information in this section.

First Name _____ Last Name _____

Permanent Home Address _____ Apt # _____

City _____ State _____ ZIP _____

Email _____

Date of Birth ____/____/____ Cell Phone _____

Your Preferred Pronoun He/Him She/Her They/Them HS Graduation Year 2023 2024 2025 2026 2027

Approximate Grade Point Average (Scale = A:4 B:3 C:2 D:1 F:0) A+ A A- B+ B B- C+ C C- D F

Name of your High School _____

First Name of One Brother or Sister Living in Your Home _____ His / Her School Grade 5 6 7 8 9 10 11 12

His / Her Date of Birth ____/____/____ His / Her Gender Male Female His / Her Approximate Grade Point Average A B C D F

1. Which STEM (Science, Technology, Engineering, & Math) subjects interest you most? (Select up to TWO)

- | | | | | |
|--|--|--|--------------------------------------|--------------------------------|
| 1. <input type="radio"/> Astronomy | 4. <input type="radio"/> Comp Prog /Coding | 7. <input type="radio"/> Earth Science | 10. <input type="radio"/> Math | 13. <input type="radio"/> None |
| 2. <input type="radio"/> Biology / Life Sciences | 5. <input type="radio"/> Computer Science | 8. <input type="radio"/> Engineering | 11. <input type="radio"/> Physics | |
| 3. <input type="radio"/> Chemistry | 6. <input type="radio"/> Construction | 9. <input type="radio"/> Manufacturing | 12. <input type="radio"/> Other STEM | |

2. How many high school classes have you taken in each of these categories? (Fill in the number of courses for each category)

1. Science _____ 2. Engineering _____ 3. Math _____ 4. Computer Science / Programming _____ 5. Other Technology _____

3. Have you ever taken any of the following types of STEM courses? (Select YES or NO for each)

1. AP STEM Courses 1. Yes 2. No 2. Honors / Gifted / Accel STEM Courses 1. Yes 2. No 3. Career & Technical STEM Courses 1. Yes 2. No

4. Please rate your confidence on each statement: (Select ONE for each row) 1: Not at all confident 2: Somewhat confident 3: Mostly confident 4: Completely confident

- | | | | | |
|---|----------------------------|----------------------------|----------------------------|----------------------------|
| 1. I can understand the basic ideas taught in my STEM courses. | 1. <input type="radio"/> N | 2. <input type="radio"/> S | 3. <input type="radio"/> M | 4. <input type="radio"/> C |
| 2. I can understand the most difficult material in my STEM classes. | 1. <input type="radio"/> N | 2. <input type="radio"/> S | 3. <input type="radio"/> M | 4. <input type="radio"/> C |
| 3. I will make good grades in my STEM classes. | 1. <input type="radio"/> N | 2. <input type="radio"/> S | 3. <input type="radio"/> M | 4. <input type="radio"/> C |
| 4. I will be treated fairly in my STEM classes. | 1. <input type="radio"/> N | 2. <input type="radio"/> S | 3. <input type="radio"/> M | 4. <input type="radio"/> C |
| 5. I could succeed in a STEM career. | 1. <input type="radio"/> N | 2. <input type="radio"/> S | 3. <input type="radio"/> M | 4. <input type="radio"/> C |

5. Overall, how has each of these influenced your interest in STEM? (Select ONE for each) 1: Made me MORE interested 2: Made me LESS interested 3: NO impact

- | | | | | | | | |
|---------------------------------|----------------------------|----------------------------|----------------------------|---|----------------------------|----------------------------|----------------------------|
| 1. Activities in school | 1. <input type="radio"/> M | 2. <input type="radio"/> L | 3. <input type="radio"/> N | 6. Classes | 1. <input type="radio"/> M | 2. <input type="radio"/> L | 3. <input type="radio"/> N |
| 2. Activities outside of school | 1. <input type="radio"/> M | 2. <input type="radio"/> L | 3. <input type="radio"/> N | 7. Other adults | 1. <input type="radio"/> M | 2. <input type="radio"/> L | 3. <input type="radio"/> N |
| 3. Mother / Female Caregiver | 1. <input type="radio"/> M | 2. <input type="radio"/> L | 3. <input type="radio"/> N | 8. Friends | 1. <input type="radio"/> M | 2. <input type="radio"/> L | 3. <input type="radio"/> N |
| 4. Father / Male Caregiver | 1. <input type="radio"/> M | 2. <input type="radio"/> L | 3. <input type="radio"/> N | 9. TV, movies, books, social media, games or toys | 1. <input type="radio"/> M | 2. <input type="radio"/> L | 3. <input type="radio"/> N |
| 5. Teachers | 1. <input type="radio"/> M | 2. <input type="radio"/> L | 3. <input type="radio"/> N | 10. My natural talents | 1. <input type="radio"/> M | 2. <input type="radio"/> L | 3. <input type="radio"/> N |

6. How do you think of yourself? (Select up to FOUR)

- | | | | | |
|-------------------------------------|-------------------------------------|------------------------------------|------------------------------------|---|
| 1. <input type="radio"/> Curious | 4. <input type="radio"/> Analytical | 7. <input type="radio"/> Techie | 10. <input type="radio"/> Geek | 13. <input type="radio"/> Maker |
| 2. <input type="radio"/> Engineer | 5. <input type="radio"/> Scientist | 8. <input type="radio"/> Gamer | 11. <input type="radio"/> Leader | 14. <input type="radio"/> Artist |
| 3. <input type="radio"/> Persistent | 6. <input type="radio"/> Creative | 9. <input type="radio"/> Confident | 12. <input type="radio"/> Musician | 15. <input type="radio"/> None of the above |

7. Do you have a: (Select YES or NO for each)

1. Mother / Female guardian with a Bachelor's degree? 1. Yes 2. No 2. Father / Male guardian with a Bachelor's Degree? 1. Yes 2. No

8. Which type of college would you like to attend? (Select up to FIVE)

- | | | | | |
|---|--|---|--|-----------------------------------|
| 1. <input type="radio"/> State College / University | 3. <input type="radio"/> Community / Junior College | 5. <input type="radio"/> Full Degree Abroad Program | 7. <input type="radio"/> All Male / All Female | 9. <input type="radio"/> Not Sure |
| 2. <input type="radio"/> Private College / University | 4. <input type="radio"/> Online College / University | 6. <input type="radio"/> Career / Technical College | 8. <input type="radio"/> Will Not Attend College | |

To Students: Educational Research Center of America (ERCA) is managing this voluntary survey for the Research Consortium on STEM Career Pathways. The personally identifiable data that you provide will be made available to postsecondary institutions nationwide seeking students with your qualifications. In turn, they may send you valuable information which could help you better choose a college or career pathway. Your data will also be shared with ASL Marketing, Inc., which licenses data to trusted organizations and businesses whose products and services may match the interests you have identified in this survey. After completing this survey, you can opt out at any time with an email to info@studentresearchfoundation.org. (Educational Research Center of America is not affiliated with any government entity.)

(Please continue on the other side)

9. Colleges offer specialized degree programs in selected areas. Which categories would you like to attend? (Select up to THREE)

- | | | | | |
|--|--|--|--|--|
| 1. <input type="checkbox"/> Agricultural College | 6. <input type="checkbox"/> Computer / Info Tech | 11. <input type="checkbox"/> Education College | 16. <input type="checkbox"/> Liberal Arts / Gen Ed | 21. <input type="checkbox"/> Nursing College |
| 2. <input type="checkbox"/> Architecture | 7. <input type="checkbox"/> Communications | 12. <input type="checkbox"/> Engineering College | 17. <input type="checkbox"/> Mathematics / Statistics | 22. <input type="checkbox"/> Religion / Theology |
| 3. <input type="checkbox"/> Arts College | 8. <input type="checkbox"/> Culinary College | 13. <input type="checkbox"/> Forestry College | 18. <input type="checkbox"/> Medical School | 23. <input type="checkbox"/> Sciences |
| 4. <input type="checkbox"/> Bible College | 9. <input type="checkbox"/> Dental College | 14. <input type="checkbox"/> Health Related | 19. <input type="checkbox"/> Military School / Academy | 24. <input type="checkbox"/> Social Studies |
| 5. <input type="checkbox"/> Business / Mgmt | 10. <input type="checkbox"/> Dramatic Arts / Theatre | 15. <input type="checkbox"/> Law School | 20. <input type="checkbox"/> Music College | 25. <input type="checkbox"/> Undecided / Other |

10. If you were to pursue your education at a religious college, which would you choose? (Select up to TWO)

- | | | | | |
|---|--|--|--|--|
| 1. <input type="checkbox"/> Adventist | 7. <input type="checkbox"/> Catholic | 13. <input type="checkbox"/> Friends / Quakers | 19. <input type="checkbox"/> Mennonite | 25. <input type="checkbox"/> Southern Baptist Conv |
| 2. <input type="checkbox"/> African Methodist Episcopal | 8. <input type="checkbox"/> Church of Christ | 14. <input type="checkbox"/> Hindu | 20. <input type="checkbox"/> Methodist | 26. <input type="checkbox"/> United Church of Christ |
| 3. <input type="checkbox"/> Assembly of God | 9. <input type="checkbox"/> Church of God | 15. <input type="checkbox"/> Interdenominational | 21. <input type="checkbox"/> Muslim | 27. <input type="checkbox"/> Other |
| 4. <input type="checkbox"/> Baptist | 10. <input type="checkbox"/> Disciples of Christ | 16. <input type="checkbox"/> Jewish | 22. <input type="checkbox"/> Nazarene | 28. <input type="checkbox"/> Unaffiliated |
| 5. <input type="checkbox"/> Bible | 11. <input type="checkbox"/> Episcopalian | 17. <input type="checkbox"/> LDS / Mormon | 23. <input type="checkbox"/> Pentecostal / Charismatic | |
| 6. <input type="checkbox"/> Buddhist | 12. <input type="checkbox"/> Evangelical | 18. <input type="checkbox"/> Lutheran | 24. <input type="checkbox"/> Presbyterian | |

11. Would you like to receive information about how to plan and pay for your education, including student loans? (Select ONE) 1. Yes 2. No

12. What kind of behavior rules would you prefer on the college campus? (Select ONE)

1. Conservative: Want to attend a religious-affiliated college with no drinking, smoking, or drugs on or off campus, and with separate male / female living arrangements
2. Moderate: Observing moderate limits which avoids extremes in behavior
3. Liberal: Observing minimal campus regulations

13. Please mark the 2 choices below that most accurately represent your current interests or future career goals. (Select TWO)

- | | | | |
|---|--|--|--|
| 1. <input type="checkbox"/> Accounting / Finance | 27. <input type="checkbox"/> Culinary Arts | 53. <input type="checkbox"/> International Studies | 79. <input type="checkbox"/> Psychology / Psychiatry |
| 2. <input type="checkbox"/> Advertising / Marketing | 28. <input type="checkbox"/> Cybersecurity | 54. <input type="checkbox"/> Journalism | 80. <input type="checkbox"/> Public Health |
| 3. <input type="checkbox"/> Agriculture | 29. <input type="checkbox"/> Data Science / Analytics | 55. <input type="checkbox"/> Law Enforcement | 81. <input type="checkbox"/> Radiological Imaging |
| 4. <input type="checkbox"/> Animal Science | 30. <input type="checkbox"/> Dental Field | 56. <input type="checkbox"/> Lawyer / Paralegal | 82. <input type="checkbox"/> Real Estate |
| 5. <input type="checkbox"/> Animation / Digital Arts | 31. <input type="checkbox"/> Dietitian / Nutritionist | 57. <input type="checkbox"/> Logistics Management | 83. <input type="checkbox"/> Religion / Ministry |
| 6. <input type="checkbox"/> App / Mobile Technician | 32. <input type="checkbox"/> Doctor / Physician | 58. <input type="checkbox"/> Manufacturing | 84. <input type="checkbox"/> Respiratory Therapy |
| 7. <input type="checkbox"/> Archaeology / Anthropology | 33. <input type="checkbox"/> Economics | 59. <input type="checkbox"/> Massage Therapist | 85. <input type="checkbox"/> Robotics |
| 8. <input type="checkbox"/> Architecture | 34. <input type="checkbox"/> Electronics | 60. <input type="checkbox"/> Math | 86. <input type="checkbox"/> Science |
| 9. <input type="checkbox"/> Art (Painting, Drawing, Sculpt.) | 35. <input type="checkbox"/> Engineering | 61. <input type="checkbox"/> Medical Field | 87. <input type="checkbox"/> Sign Language Studies |
| 10. <input type="checkbox"/> Athletics / Coaching | 36. <input type="checkbox"/> English / Writing | 62. <input type="checkbox"/> Medical Technician | 88. <input type="checkbox"/> Small Engine Technology |
| 11. <input type="checkbox"/> Automotive / Truck Technology | 37. <input type="checkbox"/> Entrepreneurship | 63. <input type="checkbox"/> Military Science | 89. <input type="checkbox"/> Social Work / Human Services |
| 12. <input type="checkbox"/> Aviation / Aerospace | 38. <input type="checkbox"/> Environmental / Eco Studies | 64. <input type="checkbox"/> Multimedia Productions | 90. <input type="checkbox"/> Sociology |
| 13. <input type="checkbox"/> Biological Sciences / Biomedical | 39. <input type="checkbox"/> Equine | 65. <input type="checkbox"/> Music | 91. <input type="checkbox"/> Sports Management |
| 14. <input type="checkbox"/> Broadcasting / Radio / TV | 40. <input type="checkbox"/> Fashion Design / Merch | 66. <input type="checkbox"/> Nursing / Health Care | 92. <input type="checkbox"/> Sports Medicine |
| 15. <input type="checkbox"/> Business / Mgmt / Admin | 41. <input type="checkbox"/> Foreign Language | 67. <input type="checkbox"/> Occupational Therapy | 93. <input type="checkbox"/> Statistics |
| 16. <input type="checkbox"/> Chemistry | 42. <input type="checkbox"/> Forensic Science | 68. <input type="checkbox"/> Oceanography / Marine Sci | 94. <input type="checkbox"/> Surgical Technician |
| 17. <input type="checkbox"/> Child Care / Development | 43. <input type="checkbox"/> Forestry | 69. <input type="checkbox"/> Optometry / Ophthalmology | 95. <input type="checkbox"/> Sustainability Mgt/Green Jobs |
| 18. <input type="checkbox"/> Chiropractic | 44. <input type="checkbox"/> Game Design | 70. <input type="checkbox"/> Pharmacist / Pharmacy Tech. | 96. <input type="checkbox"/> Teacher / Education |
| 19. <input type="checkbox"/> Coding / Computer Programming | 45. <input type="checkbox"/> Geographic Info Systems | 71. <input type="checkbox"/> Philosophy | 97. <input type="checkbox"/> Theatre / Dance |
| 20. <input type="checkbox"/> Commercial Art / Design | 46. <input type="checkbox"/> Graphic Design | 72. <input type="checkbox"/> Photography / Film / Video | 98. <input type="checkbox"/> Tourism / Travel |
| 21. <input type="checkbox"/> Communications | 47. <input type="checkbox"/> Health Care Administration | 73. <input type="checkbox"/> Physical Education / Exercise Sci | 99. <input type="checkbox"/> Urban Studies |
| 22. <input type="checkbox"/> Computer Aided Drafting | 48. <input type="checkbox"/> History | 74. <input type="checkbox"/> Physical Therapy | 100. <input type="checkbox"/> Veterinary Medicine |
| 23. <input type="checkbox"/> Computer Science | 49. <input type="checkbox"/> Homeland Security | 75. <input type="checkbox"/> Physics | 101. <input type="checkbox"/> Web Design |
| 24. <input type="checkbox"/> Construction Management | 50. <input type="checkbox"/> Hotel Mgmt / Hospitality | 76. <input type="checkbox"/> Political Science / Government | 102. <input type="checkbox"/> Wildlife Management |
| 25. <input type="checkbox"/> Cosmetology | 51. <input type="checkbox"/> Information Technology | 77. <input type="checkbox"/> Pre-Law | 103. <input type="checkbox"/> Undecided / Other |
| 26. <input type="checkbox"/> Criminal Justice | 52. <input type="checkbox"/> Interior Design | 78. <input type="checkbox"/> Pre-Med | |

14. Which SPORTS or ACTIVITIES might you participate in during college? (Select up to TWELVE)

- | | | | | |
|---|---|--|---|--|
| 1. <input type="checkbox"/> Academic / Honors | 11. <input type="checkbox"/> Crew / Rowing | 21. <input type="checkbox"/> Football | 31. <input type="checkbox"/> Paintball | 41. <input type="checkbox"/> Summer Programs |
| 2. <input type="checkbox"/> Agriculture / Farming | 12. <input type="checkbox"/> Culinary Arts | 22. <input type="checkbox"/> Fraternity / Sorority | 32. <input type="checkbox"/> Politics/Advocacy | 42. <input type="checkbox"/> Surfing |
| 3. <input type="checkbox"/> Art | 13. <input type="checkbox"/> Dance | 23. <input type="checkbox"/> Golf | 33. <input type="checkbox"/> RockClimb / Wldrness Adv. | 43. <input type="checkbox"/> Swimming |
| 4. <input type="checkbox"/> Band | 14. <input type="checkbox"/> Debate | 24. <input type="checkbox"/> Gymnastics | 34. <input type="checkbox"/> Scouts: Boy / Girl | 44. <input type="checkbox"/> Tennis |
| 5. <input type="checkbox"/> Baseball | 15. <input type="checkbox"/> Diving | 25. <input type="checkbox"/> Hockey | 35. <input type="checkbox"/> Skating: Ice, Roller, Inline | 45. <input type="checkbox"/> Theatre / Drama |
| 6. <input type="checkbox"/> Basketball | 16. <input type="checkbox"/> Equestrian | 26. <input type="checkbox"/> Lacrosse | 36. <input type="checkbox"/> Skiing: X Ctry, Downhill | 46. <input type="checkbox"/> Track |
| 7. <input type="checkbox"/> Bowling | 17. <input type="checkbox"/> eSports / Gaming | 27. <input type="checkbox"/> Language | 37. <input type="checkbox"/> Soccer | 47. <input type="checkbox"/> Volleyball |
| 8. <input type="checkbox"/> Cheerleading | 18. <input type="checkbox"/> Extreme Sports | 28. <input type="checkbox"/> Leadership | 38. <input type="checkbox"/> Softball | 48. <input type="checkbox"/> Water Polo |
| 9. <input type="checkbox"/> Church Group | 19. <input type="checkbox"/> Field Hockey | 29. <input type="checkbox"/> Military / ROTC | 39. <input type="checkbox"/> Student Government | 49. <input type="checkbox"/> Wrestling |
| 10. <input type="checkbox"/> Community Service | 20. <input type="checkbox"/> Fishing | 30. <input type="checkbox"/> Music | 40. <input type="checkbox"/> Study Abroad | 50. <input type="checkbox"/> Writing |
| | | | | 51. <input type="checkbox"/> Other |

15. You may be eligible for a grant or a loan based on your ethnic / racial background. (Select up to FOUR)

- | | | |
|---|---|---|
| 1. <input type="checkbox"/> Native American / Alaskan Native | 4. <input type="checkbox"/> Latin American / So. or Central American / Hispanic | 7. <input type="checkbox"/> Puerto Rican |
| 2. <input type="checkbox"/> Asian / Asian American / Pacific Islander | 5. <input type="checkbox"/> Mexican or Mexican American | 8. <input type="checkbox"/> White / Caucasian |
| 3. <input type="checkbox"/> Black / African American / Caribbean | 6. <input type="checkbox"/> Middle Eastern | 9. <input type="checkbox"/> Prefer not to respond |

16. Which of the following describes the level of high school courses you currently take? (Select ALL that apply)

- | | | | |
|--|---|--|--|
| 1. <input type="checkbox"/> College Credit Courses | 3. <input type="checkbox"/> International Baccalaureate | 5. <input type="checkbox"/> AVID | 7. <input type="checkbox"/> Career & Technical |
| 2. <input type="checkbox"/> Advanced Placement | 4. <input type="checkbox"/> Honors Classes | 6. <input type="checkbox"/> General College Prep Classes | 8. <input type="checkbox"/> Other |

17. Which branch of the Armed Services would you consider joining? (Select ONE)

- | | | | |
|---------------------------------------|---|---|----------------------------------|
| 1. <input type="checkbox"/> Air Force | 3. <input type="checkbox"/> Coast Guard | 5. <input type="checkbox"/> National Guard / Reserves | 7. <input type="checkbox"/> None |
| 2. <input type="checkbox"/> Army | 4. <input type="checkbox"/> Marines | 6. <input type="checkbox"/> Navy | 8. <input type="checkbox"/> All |

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