

STEM Education and Gender Perception Questionnaire

This questionnaire aims to understand teachers' perspectives on STEM education and gender equality in the field. Your responses will help identify factors that influence students' orientation towards STEM careers and the role of gender in this process.

Please answer each question with Yes or No.

General Questions, Factors influencers STEM orientation and Skills for STEM success.

Primary Teachers (6-12 years)	Secondary Teachers (12-16 years)
1. Have you received gender-sensitive training in your degree, postgraduate studies, or in-service training?	
2. Do you think STEM is important in society because it is digitalized?	
3. Do you think STEM is important in society to improve the quality of life of citizens?	
4. Do you think STEM is important in society to enhance innovation, development, and evolution?	
Do you take specific actions to encourage female students to consider STEM careers?	
5. Do you create a classroom environment where both boys and girls feel equally encouraged to explore STEM activities?	5. Do you take specific actions to encourage female students to consider STEM careers?
6. Do you use positive reinforcement and motivation to encourage female students in STEM?	
7. Do you carry out actions or activities within subjects and schools to encourage female students in STEM?	
8. Do you make female roles in STEM visible to encourage female students?	
9. Do you think a specific student profile is required for STEM?	
10. Do you think gender influences scientific-technological professional development?	
11. Do you think educational curricula include objectives to promote gender equality in STEM?	
12. Do you include content or activities in your subjects to promote gender equality in STEM?	
13. Are teachers offered training on gender equality in STEM?	

15. Do you consider that job opportunities influence students' orientation towards STEM?

16. Do you think that activities with universities foster interest in STEM?

17. Do you believe that visualizing female role models in STEM helps to encourage female students?

18. Do you explain these studies to your students to promote STEM?

19. Do you think having a logical mind is important for STEM?
20. Do you think having interest is important for STEM?
21. Do you think being hardworking is important for STEM?
22. Do you think aptitudes and abilities are necessary for STEM?
23. Do you think being organized is important for STEM?
24. Do you think being curious is important for STEM?

Barriers and Challenges Faced by Women in STEM (Same questions for primary and secondary teachers)

25. Do you think traditions and preconceptions influence students' decisions to pursue STEM?
26. Do you think the low visibility of female roles in STEM discourages female students?
27. Do you believe ignorance about STEM studies prevents students from choosing this path?
28. Do you think future working conditions discourage students from pursuing STEM careers?
29. Do you think low self-esteem affects female students' decisions to study STEM?
30. Do you think social discrimination affects women in STEM?
31. Do you believe that working conditions in STEM are a barrier for women?
32. Do you think motherhood impacts women's participation in STEM careers?
33. Do you believe that women need to put in increased effort to be recognized in STEM fields?
34. Do you think women have less credibility in STEM than men?
35. Do you believe that erroneous or outdated stereotypes hinder women's participation in STEM?

Perceived Structural Issues in STEM Education (Same questions for primary and secondary teachers)

36. Do you think there is a lack of promotion of STEM by governments?
37. Do you think young women feel pressured when choosing STEM careers?
38. Do you think persistent prejudice discourages women from entering STEM fields?
39. Do you think education is purely a personal choice, without external influence?
40. Do you feel uncertain about the factors influencing gender disparities in STEM?