Extracurricular and intervention programs

Despite home and school learning, students need support in pursuing STEM fields. Individuals and institutions need to be explicit in codifying STEM interventions and activities that connect with others or offer further opportunities.

Build community in the classroom

Communal experiences in STEM, like collaboration, mentoring, and volunteering, positively impact beliefs and motivations to pursue STEM fields. Individuals and institutions need to make sure communal activities include connecting with others or offering further opportunities.

The bigger picture

Directly highlighting communal opportunities in STEM fields can increase student motivation to pursue STEM fields. An individualistic approach that emphasizes the need for extracurricular and mentorship programs.

Infusing agency in the curriculum

In a study, having a higher percentage of female peers lead to a decrease in gender-based biased in students, who initially reject stereotypes in STEM ability. Presence of a female teacher led to a significant decrease in biased behavior among male students that endorsed the stereotypes.

Empower faculty to claim responsibility for gender equity

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Resources in order of appearance: