



Student Voice Shaping STEM Education: Reflections from Eduvision's International Day of Education Roundtable

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On the International Day of Education, Eduvision convened a co-creation roundtable that brought together basic school pupils, senior high school students, college students, and peer mentors. The conversation was anchored on a simple but often neglected premise: students are not passive recipients of STEM education; they are active stakeholders whose voices matter.

Under the theme "***Student voice shaping STEM education***" and across age groups, participants spoke candidly about their experiences with

STEM learning. Younger students emphasised curiosity and the need for hands-on, relatable learning. Senior high school students highlighted challenges around relevance, exam pressure, and limited exposure to real-world STEM pathways. College students and peer mentors reflected on gaps in guidance and mentorship, as well as on the transition from theory to practice.



During

the roundtable discussion, girls were asked three questions:

Group 1. If you were a policymaker, what would you change about STEM courses

Group 2. If you were a tutor in STEM, what would you do to encourage more girls to join STEM courses

Group 3. What one thing will you change about STEM

What was striking was the coherence across their perspectives. Students consistently called for STEM education that is engaging, inclusive, and connected to real societal problems. They also

expressed a strong desire for mentorship and role models, particularly those who reflect their own backgrounds and journeys.



For Eduvision, the roundtable reaffirmed a core belief: sustainable STEM reform cannot be designed for students without students. Creating spaces for intergenerational dialogue not only surfaces blind spots in existing systems but also offers practical insights for more responsive and equitable STEM programmes.

This engagement reminds us that listening to students is not symbolic; it is strategic. If STEM education is to prepare young people for the future, their voices must help shape its direction—early, consistently, and meaningfully.

At Eduvision, we remain committed to co-creating STEM pathways *with* learners, not merely *for* them.