FOSTERING INCLUSIVITY IN STEM TEACHING
TIPS AND BEST PRACTICES

CULTIVATE INCLUSIVE ENVIRONMENT & COMMUNICATION
Foster positive and supportive classroom climate where all students feel valued and respected, encouraging open communication without penalizing opinions.

ENHANCE REPRESENTATION AND COLLABORATIVE LEARNING
Using interactive classroom engagement techniques, such as active learning, can reduce achievement gaps in STEM courses.

ADAPT TEACHING METHODS AND RESOURCES FOR ACCESSIBILITY
It is vital to recognize and accommodate diverse learning styles and capabilities by implementing different teaching methods and resources, ensuring that all students have the opportunity to engage with the material in ways that suit their individual needs.

CHALLENGE UNCONSCIOUS BIAS & OFFER SUPPORTIVE FEEDBACK
Individual that belongs to a group that is negatively stereotyped in a STEM field, may doubt their own capabilities and their sense of belonging to that field, losing interest through time.

DESIGN INCLUSIVE LEARNING SPACES AND ADVOCATE FOR EQUITY
Creating inclusive learning spaces and advocating for equity in STEM education are essential for fostering positive attitudes toward science and encouraging students to pursue STEM careers.