

To improve equity, STEM teachers need to be:

- Developing and/or improving knowledge of language acquisition
- Knowing and applying Sheltered Instruction strategies
- Broadening understandings of family engagement
- Drawing upon students' funds of knowledge
- Broadening forms of assessment
- Counseling underrepresented groups into rather than away from STEM fields
- Offering remedial help as needed, to strengthen students' foundational skills
- Building a network of community role models doing STEM work
- Open to cultural exchange opportunities for teachers that can increase empathy, understanding, and appreciation
- Critically examining their own teaching materials and paradigms for cultural bias
- Developing and facilitating problem-based learning activities around issues relevant to the community

