K-12 ELL Students
Relation of ELL Status to Academic Potential

- **Disproportionate classification** of ELL students in Special Education Classrooms or Groups

- In comparing students with similar levels of English ability, students in ELL placement end up in **fewer advanced classes, including Science and Math**

- **Increased high school dropout rate** for ELL students, where they cite frustration and continued failure

- ELL students have **lower math scores** in standardized tests than non-ELL students across all racial groups
External Factors Impacting Education

- Disconnect between teachers and parents
  - Value differences in child’s education
  - Differing expectations in parental engagement in the school community
  - Calls for increased training for teachers about cultural competence

- Cultural differences between school and home environments
Technology and STEM as Educational Enhancers

- ELL technological tools can provide individualized attention to learners.

- Example uses of AI:
  - Technology-enhanced learning tools: Duolingo, Rosetta Stone, etc.
  - Learning management systems: Grove Learning

- Incorporating language into STEM classes can be helpful.