

Lessons Learned from EPIC's Research on High School and College Math and Science Courses

- Curriculum overlap and repetition
- Not taught to think mathematically or scientifically in HS
- Entry-level college math courses inconsistent in emphasizing problem solving and mathematical reasoning over mathematical procedures and algorithms
- Entry-level college science courses inconsistent in emphasizing scientific thinking and the big ideas of science over specific factual information
- HS skills may not generalize beyond some science and additional math in the math department
- Most generalizable math skills are data analysis and statistics