

REL Corner: Competency-Based Learning and the Five C's

[Learn about the REL Appalachia and its work](#), and dive into these resources on competency-based learning and supporting skills related to Virginia's Five C's: critical thinking, collaboration, communication, creative thinking, and citizenship.

- [Measuring Student Progress and Teachers' Assessment of Student Knowledge in a Competency-Based Education System](#). This report describes how long students took to complete a competency-based class when the class was below, at, or above their traditional grade level.
- [Innovation Configuration Maps: A Valuable Journey and Destination](#). This blog post discusses Innovation Configuration (IC) Mapping as a valuable tool for measuring teacher practice and a beneficial collaborative development process for teachers.
- [What does the research say about competency-based learning?](#) This Ask A REL response shares research reports and descriptive study articles on competency-based learning.
- [Technology use in instruction and teacher perceptions of school support for technology use in Iowa high schools](#). Iowa school districts have invested in technology to assist in addressing the expectations of the Iowa Core Standards related to 21st century skills. The study examined proportion of teachers emphasizing each of the four 21st century skills (that is, collaboration, communication, creativity, and critical thinking).
- [What does the research say about effective school- and district-level practices to support competency-based learning?](#) This Ask A REL response shares research reports, policy summaries, and policy recommendations on effective school- and district-level practices to support competency-based learning.
- [Using technology to increase depth of learning](#). This blog post discusses how a Networked Improvement Community (NIC) explored effective use of technology tools in different rural contexts to deepen students' understanding of the material and support learning goals.
- [What does the research say about the relationship between student \(K-12\) participation in collaborative learning activities and academic and deeper learning outcomes?](#) This Ask A REL response shared literature reviews, meta-analyses, experimental or quasi-experimental studies on the relationship between (1) student goal setting, (2) personalized college and career advising, and (3) collaborative learning and academic and deeper learning outcomes.