

SB 5755-S - DIGEST

(AS OF SENATE 2ND READING 3/11/13)

Adopts the definition of "STEM literacy" as follows: The ability to identify, apply, and integrate concepts from science, technology, engineering, and mathematics to understand complex problems and to innovate to solve them.

Establishes the STEM education innovation alliance to:

(1) Advise the governor and provide vision, guidance, assistance, and advice to support the initiatives under the act, as well as other current or proposed programs and initiatives across the spectrum of early learning through postsecondary education, that are intended to increase learning opportunities and improve educational outcomes in STEM; and

(2) Develop a STEM education report card, based on the STEM framework for action and accountability, to monitor progress in increasing learning opportunities and improving educational outcomes in STEM.

Requires the education data center to coordinate data collection and analysis to support the report card.

Requires the state education agencies to report on how their policies, activities, and expenditures of public resources align with and support the STEM framework for action and accountability.

Requires the office of financial management to contract with a statewide nonprofit organization with expertise in promoting and supporting STEM education from early learning through postsecondary education.

Requires the office of the superintendent of public instruction, in consultation with the STEM education innovation alliance, to identify and disseminate resources and materials to elementary, middle, and high schools that are intended to encourage and increase interdisciplinary instruction and project-based learning in STEM.

Requires the student achievement council to consult with the STEM education innovation alliance to align strategies under the ten-year roadmap with the STEM framework for education and accountability developed by the alliance.