



New Jersey School Boards Association

413 West State Street • Trenton, NJ 08618 • Telephone: 609.695.7600 • Toll-Free: 888.88NJSBA • Fax: 609.695.0413

**REVISED
AGENDA ITEM NO. XI(C)**

BOARD OF DIRECTORS

For Meeting of November 18, 2016

FOR: **ACTION**
 DISCUSSION

FROM: **DR. LAWRENCE S. FEINSOD, EXECUTIVE DIRECTOR**

SUBJECT: **RESOLUTION TO NSBA-FEDERAL SUPPORT FOR STEAM
EDUCATION (REVISED)**

Background:

This resolution is a new proposal that concerns the funding to implement Integrative STEAM education programs to ensure students have the knowledge and skills necessary for success in college and careers. The Executive Committee recommends the Board of Directors approve the resolution for submission to the March 2017 agenda of the National School Boards Association Delegate Assembly (NSBA).

Recommendation:

I recommend approving the recommendation of the Executive Committee to approve and submit the resolution to the NSBA for consideration at its March 2017 Delegate Assembly.

Attachment

FEDERAL SUPPORT FOR STEAM EDUCATION

WHEREAS, the National Commission on Mathematics and Science for the Twenty-First Century estimates that more than 60 percent of the jobs in this century will require a background in science, technology, engineering and mathematics; and

WHEREAS, higher education, employers and the United States military have reported deficiencies among U.S. high school students in the skills related to science, technology, engineering and mathematics; and

WHEREAS, the New Jersey School Boards Association believes that the arts are a vital component to educational programming and enhance students' acquisition of skills and knowledge in science, technology, engineering and mathematics; and

WHEREAS, education in science, technology, engineering, the arts, and mathematics (STEAM) provides experiential and problem-solving skills essential for success in college and careers; and

WHEREAS, providing STEAM education in a coordinated manner by integrating it throughout the academic program, rather than approaching it through segregated subject content and teaching strategies, improves student achievement; and

WHEREAS, expanding the capacity and diversity of Integrative STEAM initiatives in local education programs will enable our students to be part of a productive workforce that will enable the United States to be innovative, secure and competitive in the global economy; and

WHEREAS, the New Jersey School Boards Association is advancing Integrative STEAM education in local school districts through training, resources and services to boards of education; and

WHEREAS, the New Jersey School Boards Association is leading statewide initiatives with higher education and the state's department of education to improve teacher training and certification in STEAM education areas and to advance digital learning in our schools; and

WHEREAS, the federal government, in partnership with the states and local school districts, has a critical role to play in advancing STEAM education throughout the nation. Now, therefore, be it

RESOLVED, that the National School Boards Association believes that the implementation of Integrative STEAM education programs will ensure that our students have the knowledge and skills necessary for success in college and careers. And be it further

RESOLVED, that the National School Boards Association urges Congress, the President of the United States, and the United States Department of Education to identify the advancement of STEAM education in the nation's public elementary and secondary schools as a high priority. And be it further

RESOLVED, that National School Boards Association, within the context of its priorities for federal funding of education as determined by the Delegate Assembly, will support initiatives that provide the states and local school districts with resources to implement Integrative STEAM education programs.