AMENDMENT TO H.R. 5, AS REPORTED
OFFERED BY MR. CÁRDENAS OF CALIFORNIA

(Page and line nos. refer to Rules Committee Print 113-18)

Page 481, after line 22, insert the following (and conform the table of contents accordingly):

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“SEC. 5552. TASK FORCE ON COMPUTER PROGRAMMING AND CODING.

“(a) Establishment of Task Force on Computer Programming and Coding.—Not later than 180 days after the date of the enactment of the Student Success Act, the Secretary establish a task force to explore—

“(1) mechanisms for the development of draft curricula for primary and secondary education related to computer programming and coding;

“(2) a mechanism to collect and share best practices among educators; and

“(3) a national strategy to ensure competitiveness in emerging STEM fields, such as computer programming and coding, through a consortium or other appropriate entity with participants from institutions of higher education and industry.

“(b) Functions.—The task force shall—
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“(1) develop options for a collaborative model and an organizational structure for such entity under which the joint research and development activities could be planned, managed, and conducted effectively, including mechanisms for the allocation of resources among the participants in such entity for support of such activities;

“(2) identify and prioritize at least three challenges of educating and training a workforce equipped to fill computer science and engineering jobs, particularly focused on nationally significant problems requiring collaborative and interdisciplinary solutions;

“(3) propose a process for developing a research and development agenda for such entity to address the grand challenges identified under paragraph (2);

“(4) define the roles and responsibilities for the participants from institutions of higher education and industry in such entity; and

“(5) make recommendations for how such entity could be funded from Federal, State, and nongovernmental sources.

“(c) COMPOSITION.—In establishing the task force under subsection (a), the Secretary shall ensure that De-
partment of Education representatives and relevant govern-
ment agencies, teachers, institutions of higher edu-
cation, and industry with knowledge and expertise in com-
puter science and engineering are included. The Secretary
shall appoint an equal number of individuals from institu-
tions of higher education, including minority-serving insti-
tutions, rural educational institution, and community col-
leges, and from industry.

“(d) REPORT.—Not later than 24 months after the
date of the enactment of the Student Success Act, the Sec-
retary shall transmit to the Congress a report describing
the findings and recommendations of the task force.

“(e) INFORMATION PORTAL.—

“(1) IN GENERAL.—The task force shall estab-
lish an information portal which shall—

“(A) include the establishment of an on-
line, publicly available information portal for
use by schools and stakeholders that directs
users to key data and tools to build or update
curricula for primary and secondary education;
and

“(B) build off and be complementary to
existing Federal efforts.
“(2) MAINTENANCE.—The task force shall be responsible for establishing and maintaining the information portal.

“(3) INFORMATION SUPPLIED.—Task force information shall be available through the portal to schools, partners, academia, and private sector stakeholders.

“(4) CONTENTS.—The information portal established under this section shall direct users to coordinated and systematic information on—

“(A) best or model practices;

“(B) data;

“(C) case studies;

“(D) indicators;

“(E) scientific reports;

“(F) policy recommendations for Federal, State, local government;

“(G) guidance documents and design standards for primary and secondary schools;

“(H) incentives for teachers;

“(I) education initiatives;

“(J) support tools, including draft curricula and appropriate materials for teachers;

“(K) public and private sources of assistance to available to support computer science
and engineering in primary and secondary schools; and

“(l) such other information as the task force considers appropriate.

“(f) TERMINATION.—The task force shall terminate upon transmittal of the report required under subsection (d).

“(g) COMPENSATION AND EXPENSES.—Members of the task force shall serve without compensation.”.