

**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):

1 **“SEC. 5552. TASK FORCE ON COMPUTER PROGRAMMING**  
2 **AND CODING.**

3 “(a) ESTABLISHMENT OF TASK FORCE ON COM-  
4 PUTER PROGRAMMING AND CODING.—Not later than 180  
5 days after the date of the enactment of the Student Suc-  
6 cess Act, the Secretary establish a task force to explore—

7 “(1) mechanisms for the development of draft  
8 curricula for primary and secondary education re-  
9 lated to computer programming and coding;

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

12 “(3) a national strategy to ensure competitive-  
13 ness in emerging STEM fields, such as computer  
14 programming and coding, through a consortium or  
15 other appropriate entity with participants from insti-  
16 tutions of higher education and industry.

17 “(b) FUNCTIONS.—The task force shall—

1           “(1) develop options for a collaborative model  
2           and an organizational structure for such entity  
3           under which the joint research and development ac-  
4           tivities could be planned, managed, and conducted  
5           effectively, including mechanisms for the allocation  
6           of resources among the participants in such entity  
7           for support of such activities;

8           “(2) identify and prioritize at least three chal-  
9           lenges of educating and training a workforce  
10          equipped to fill computer science and engineering  
11          jobs, particularly focused on nationally significant  
12          problems requiring collaborative and interdiscipli-  
13          nary solutions;

14          “(3) propose a process for developing a re-  
15          search and development agenda for such entity to  
16          address the grand challenges identified under para-  
17          graph (2);

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

21          “(5) make recommendations for how such enti-  
22          ty could be funded from Federal, State, and non-  
23          governmental sources.

24          “(c) COMPOSITION.—In establishing the task force  
25          under subsection (a), the Secretary shall ensure that De-

1 partment of Education representatives and relevant gov-  
2 ernment agencies, teachers, institutions of higher edu-  
3 cation, and industry with knowledge and expertise in com-  
4 puter science and engineering are included. The Secretary  
5 shall appoint an equal number of individuals from institu-  
6 tions of higher education, including minority-serving insti-  
7 tutions, rural educational institution, and community col-  
8 leges, and from industry.

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

13 “(e) INFORMATION PORTAL.—

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

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

22 “(B) build off and be complementary to  
23 existing Federal efforts.

1           “(2) MAINTENANCE.—The task force shall be  
2 responsible for establishing and maintaining the in-  
3 formation portal.

4           “(3) INFORMATION SUPPLIED.—Task force in-  
5 formation shall be available through the portal to  
6 schools, partners, academia, and private sector  
7 stakeholders.

8           “(4) CONTENTS.—The information portal es-  
9 tablished under this section shall direct users to co-  
10 ordinated and systematic information on—

11                   “(A) best or model practices;

12                   “(B) data;

13                   “(C) case studies;

14                   “(D) indicators;

15                   “(E) scientific reports;

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

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

20                   “(H) incentives for teachers;

21                   “(I) education initiatives;

22                   “(J) support tools, including draft cur-  
23 ricula and appropriate materials for teachers;

24                   “(K) public and private sources of assist-  
25 ance to available to support computer science

1           and engineering in primary and secondary  
2           schools; and

3                   “(L) such other information as the task  
4           force considers appropriate.

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

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

