

115TH CONGRESS
1ST SESSION

H. R. 2308

To amend the Carl D. Perkins Career and Technical Education Act of 2006 to support maker education and makerspaces.

IN THE HOUSE OF REPRESENTATIVES

MAY 3, 2017

Mr. RYAN of Ohio (for himself, Mrs. BROOKS of Indiana, Mr. TAKANO, and Mr. STIVERS) introduced the following bill; which was referred to the Committee on Education and the Workforce

A BILL

To amend the Carl D. Perkins Career and Technical Education Act of 2006 to support maker education and makerspaces.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “21st Century Strength-
5 ening Hands On Programs that Cultivate Learning Ap-
6 proaches for Successful Students Act” or the “SHOP
7 CLASS Act”.

1 **SEC. 2. DEFINITIONS.**

2 Section 3 of the Carl D. Perkins Career and Tech-
3 nical Education Act of 2006 (20 U.S.C. 2302) is amended
4 by adding at the end the following:

5 “(35) **MAKER EDUCATION.**—The term ‘maker
6 education’ means a hands-on learning approach that
7 encourages students to imagine, create, innovate,
8 tinker, and collaborate through the process of manu-
9 facturing, testing, and demonstrating their ideas.

10 “(36) **MAKERSPACE.**—The term ‘makerspace’
11 means a community space that provides access to
12 tools, technology and knowledge for learners and en-
13 trepreneurs, which result in the prototyping or cre-
14 ation of physical goods, and which supports the de-
15 velopment of educational opportunities for personal
16 growth, workforce training, and early stage business
17 ventures.”.

18 **SEC. 3. STATE LEADERSHIP ACTIVITIES.**

19 Section 124 of the Carl D. Perkins Career and Tech-
20 nical Education Act of 2006 (20 U.S.C. 2344) is amend-
21 ed—

22 (1) in subsection (b)(3)(D)(iii), by inserting be-
23 fore the semicolon at the end the following: “and
24 maker education”; and

25 (2) in subsection (c)—

1 (A) by striking “and” at the end of para-
2 graph (16);

3 (B) by striking the period and inserting “;
4 and” at the end of paragraph (17); and

5 (C) by adding at the end the following:

6 “(18) support for maker education and
7 makerspaces.”.

8 **SEC. 4. LOCAL USES OF FUNDS.**

9 Section 135 of the Carl D. Perkins Career and Tech-
10 nical Education Act of 2006 (20 U.S.C. 2355) is amend-
11 ed—

12 (1) in subsection (b)(5)—

13 (A) by striking “and” at the end of sub-
14 paragraph (C);

15 (B) by adding “and” at the end of sub-
16 paragraph (D); and

17 (C) by adding at the end the following:

18 “(E) programs designed to train teachers
19 specifically in the effective use and application
20 of maker education and makerspaces;”; and

21 (2) in subsection (c)—

22 (A) by striking “and” at the end of para-
23 graph (19);

24 (B) by redesignating paragraph (20) as
25 paragraph (21); and

1 (C) by inserting after paragraph (19), the
2 following:

3 “(20) to support maker education and
4 makerspaces; and”.

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