

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.

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## 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

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## 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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