

118TH CONGRESS
2D SESSION

H. R. 9211

To improve educational efforts related to artificial intelligence literacy at the K through 12 level, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

JULY 30, 2024

Mr. KEAN of New Jersey (for himself and Mr. AMO) introduced the following bill; which was referred to the Committee on Science, Space, and Technology

A BILL

To improve educational efforts related to artificial intelligence literacy at the K through 12 level, and for other purposes.

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 “Literacy in Future
5 Technologies Artificial Intelligence Act” or the “LIFT AI
6 Act”.

7 **SEC. 2. PREPARING K-12 EDUCATORS AND STUDENTS FOR**

8 **AN AI LITERATE FUTURE.**

9 (a) SENSE OF CONGRESS.—It is the sense of Con-
10 gress that—

1 (1) AI literacy education is crucial not only for
2 developing a skilled workforce and positioning the
3 Nation as a leader in this critical field, but also for
4 mitigating the ethical challenges associated with AI;

5 (2) as strategic adversaries pursue AI tech-
6 nology for the purposes of surveillance,
7 weaponization, and economic competition, maintain-
8 ing United States leadership through an AI literate
9 public is essential;

10 (3) AI literacy education at the K–12 level
11 forms the foundation for success in this competitive
12 environment, and proficiency with these technologies
13 is becoming necessary to be an engaged and in-
14 formed citizen;

15 (4) AI technology is rapidly evolving, and cur-
16 rent best practices for learning and developing AI
17 literacy today may not be applicable in the future;

18 (5) awards made under this section should rec-
19 ognize the rapidly evolving nature of AI technology,
20 and identify and focus on those skills that will re-
21 main relevant to AI literacy considering likely
22 changes in AI capabilities; and

23 (6) awards made under this section should rec-
24 ognize student progression to more advanced topics
25 as they progress through K–12 education.

1 (b) AWARDS.—The Director may make awards on a
2 merit-reviewed, competitive basis to institutions of higher
3 education or nonprofit organizations (or a consortium
4 thereof) to support research activities to develop edu-
5 cational curricula and evaluation methods for AI literacy
6 at the K–12 level.

7 (c) USE OF AWARD FUNDS.—Activities funded by
8 awards made under this section may include the following:

9 (1) Formal and informal K–12 education cur-
10 riculum development focused on the essential abili-
11 ties and competencies necessary for AI literacy that
12 is learner-centered, project-based, and can be per-
13 sonalized in the classroom.

14 (2) Engaging State and local educational agen-
15 cies, principals, educators, or other school leaders of
16 students in kindergarten through grade 12 in profes-
17 sional learning opportunities to—

18 (A) enhance AI literacy and proficiency;

19 and

20 (B) develop best practices.

21 (3) Developing AI literacy evaluation tools for
22 educators assessing proficiency in AI literacy.

23 (4) Designing and implementing professional
24 development courses and experiences in AI literacy,
25 including mentoring, for State and local educational

1 agencies, principals, educators, or other school lead-
2 ers that integrate in-person, virtual, and distance
3 learning experiences.

4 (5) Development of hands-on learning tools to
5 assist in developing and improving AI literacy.

6 (6) Augmenting the existing curriculum to in-
7 corporate AI literacy where appropriate, including
8 responsible use of AI in learning.

9 (7) Additional activities determined appropriate
10 by the Director.

11 (d) IMPLEMENTATION.—The Director may carry out
12 this section by making awards through new or existing
13 programs.

14 (e) DEFINITIONS.—In this section:

15 (1) AI LITERACY.—The term “AI literacy”
16 means having the age-appropriate knowledge and
17 ability to use artificial intelligence effectively, to
18 critically interpret outputs, to solve problems in an
19 AI-enabled world, and to safely and ethically use AI.

20 (2) ARTIFICIAL INTELLIGENCE; AI.—The terms
21 “artificial intelligence” and “AI” have the meaning
22 given the term “artificial intelligence” in section
23 5002 of the National Artificial Intelligence Initiative
24 Act of 2020 (15 U.S.C. 9401; enacted as part of
25 title LVI of division E of the William M. (Mac)

1 Thornberry National Defense Authorization Act for
2 Fiscal Year 2021 (Public Law 116–283)).

3 (3) DIRECTOR.—The term “Director” means
4 the Director of the National Science Foundation.

5 (4) K–12 EDUCATION.—The term “K–12 edu-
6 cation” means elementary schools and secondary
7 schools, as such terms are defined in section 8101
8 of the Elementary and Secondary Education Act of
9 1965 (20 U.S.C. 7801).

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