

119TH CONGRESS
1ST SESSION

H. R. 5584

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

IN THE HOUSE OF REPRESENTATIVES

SEPTEMBER 26, 2025

Mr. KEAN (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) artificial intelligence (AI) is rapidly trans-
2 forming the modern world, driving innovation across
3 industries, enhancing productivity, and reshaping
4 the way we live and work;

5 (2) to ensure the United States remains a glob-
6 al leader in this technological revolution, the United
7 States should provide the Nation’s youth with oppor-
8 tunities to cultivate the skills and understanding
9 necessary to use and create the next generation of
10 AI technology;

11 (3) it is the policy of the United States to pro-
12 mote AI literacy and proficiency among Americans
13 by promoting the appropriate integration of AI into
14 education, providing comprehensive AI training for
15 educators, and fostering early exposure to AI con-
16 cepts and technology to develop an AI-ready work-
17 force and the next generation of American AI
18 innovators;

19 (4) as strategic adversaries pursue AI tech-
20 nology for the purposes of surveillance,
21 weaponization, and economic competition, maintain-
22 ing United States leadership through an AI literate
23 public is essential; and

24 (5) awards made under this section should rec-
25 ognize—

1 (A) the rapidly evolving nature of AI tech-
2 nology, and identify and focus on those skills
3 that will remain relevant to AI literacy consid-
4 ering likely changes in AI capabilities; and

5 (B) student progression to more advanced
6 topics as they progress through K–12 edu-
7 cation.

8 (b) AWARDS.—The Director may make awards on a
9 merit-reviewed, competitive basis to institutions of higher
10 education or nonprofit organizations (or a consortium
11 thereof) to support research activities to develop edu-
12 cational curricula, instructional material, teacher profes-
13 sional development, and evaluation methods for AI literacy
14 at the K–12 level.

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

17 (1) Formal and informal K–12 education cur-
18 riculum development focused on the essential abili-
19 ties and competencies necessary for AI literacy that
20 is learner-centered, project-based, and can be per-
21 sonalized in the classroom and other learning envi-
22 ronments.

23 (2) Engaging State and local educational agen-
24 cies, superintendents, principals, educators, or other

1 school leaders of students in kindergarten through
2 grade 12 in professional learning opportunities to—

3 (A) enhance AI literacy and proficiency;

4 (B) promote responsible use of AI; and

5 (C) develop best practices.

6 (3) Developing AI literacy evaluation tools and
7 resources for educators assessing proficiency in AI
8 literacy.

9 (4) Designing and implementing professional
10 development courses and experiences in AI literacy,
11 including mentoring, for State and local educational
12 agencies, principals, educators, or other school lead-
13 ers that integrate in-person, virtual, and distance
14 learning experiences.

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

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

20 (7) Additional activities determined appropriate
21 by the Director.

22 (d) IMPLEMENTATION.—The Director may carry out
23 this section by making awards through new or existing
24 programs.

25 (e) DEFINITIONS.—In this section:

1 (1) AI LITERACY.—The term “AI literacy”
2 means having the age-appropriate knowledge and
3 ability to use artificial intelligence effectively, to
4 critically interpret outputs, to solve problems in an
5 AI-enabled world, and to mitigate potential risks.

6 (2) ARTIFICIAL INTELLIGENCE; AI.—The terms
7 “artificial intelligence” and “AI” have the meaning
8 given the term “artificial intelligence” in section
9 5002 of the National Artificial Intelligence Initiative
10 Act of 2020 (15 U.S.C. 9401; enacted as part of
11 title LVI of division E of the William M. (Mac)
12 Thornberry National Defense Authorization Act for
13 Fiscal Year 2021 (Public Law 116–283)).

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

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

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