

119TH CONGRESS  
2D SESSION

**S.** \_\_\_\_\_

To improve educational efforts related to artificial intelligence literacy at the elementary school and secondary school level, and for other purposes.

---

IN THE SENATE OF THE UNITED STATES

---

Mr. SCHIFF (for himself and Mr. ROUNDS) introduced the following bill; which was read twice and referred to the Committee on \_\_\_\_\_

---

**A BILL**

To improve educational efforts related to artificial intelligence literacy at the elementary school and secondary school 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 people in the  
13          United States by promoting the appropriate integra-  
14          tion of AI into education, providing comprehensive  
15          AI training for educators, and fostering early expo-  
16          sure to AI concepts and technology to develop an AI-  
17          ready workforce and the next generation of AI  
18          innovators in the United States;

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).

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

13          (4) INSTITUTION OF HIGHER EDUCATION.—The  
14 term “institution of higher education” has the  
15 meaning given that term in section 101 of the High-  
16 er Education Act of 1965 (20 U.S.C. 1001).

17          (5) K–12 EDUCATION.—The term “K–12 edu-  
18 cation” means elementary schools and secondary  
19 schools (as such terms are defined in section 8101  
20 of the Elementary and Secondary Education Act of  
21 1965 (20 U.S.C. 7801)).