

**AMENDMENT TO THE RULES COMMITTEE PRINT
FOR H.R. 5
OFFERED BY MR. KENNEDY OF MASSACHUSETTS**

Page 268, after line 14, insert the following:

1 (f) PART E.—Title II (20 U.S.C. 6601 et seq.) is fur-
2 ther amended by adding at the end the following:

3 **“PART E—IMPROVING SCIENCE, TECHNOLOGY,
4 ENGINEERING, AND MATHEMATICS IN-
5 STRUCTION AND STUDENT ACHIEVEMENT**

6 **“SEC. 2501. PURPOSE.**

7 “The purpose of this part is to improve student aca-
8 demic achievement in science, technology, engineering, and
9 mathematics, including computer science, by—

10 “(1) improving instruction in such subjects
11 through grade 12;

12 “(2) improving student engagement in, and in-
13 creasing student access to, such subjects, including
14 for students from groups underrepresented in such
15 subjects, such as female students, minority students,
16 English learners, children with disabilities, and eco-
17 nomically disadvantaged students;

18 “(3) improving the quality and effectiveness of
19 classroom instruction by recruiting, training, and

1 supporting highly rated teachers and providing ro-
2 bust tools and supports for students and teachers in
3 such subjects; and

4 “(4) closing student achievement gaps, and pre-
5 paring more students to be college and career ready,
6 in such subjects.

7 **“SEC. 2502. DEFINITIONS.**

8 “In this part:

9 “(1) ELIGIBLE SUBGRANTEE.—The term ‘eligi-
10 ble subgrantee’ means—

11 “(A) a high-need local educational agency;

12 “(B) an educational service agency serving
13 more than 1 high-need local educational agency;

14 “(C) a consortium of high-need local edu-
15 cational agencies; or

16 “(D) an entity described in subparagraph
17 (A) or (C) of paragraph (2) that has signed a
18 memorandum of agreement with an entity de-
19 scribed in subparagraph (A), (B), or (C) of this
20 paragraph to implement the requirements of
21 this part in partnership with such entity.

22 “(2) OUTSIDE PARTNER.—The term ‘outside
23 partner’ means an entity that has expertise and a
24 demonstrated record of success in improving student
25 learning and engagement in the identified subjects

1 described in section 2504(b)(2), including any of the
2 following:

3 “(A) A nonprofit or community-based or-
4 ganization, which may include a cultural organi-
5 zation, such as a museum or learning center.

6 “(B) A business.

7 “(C) An institution of higher education.

8 “(D) An educational service agency.

9 “(3) STEM MASTER TEACHER CORPS.—The
10 term ‘STEM master teacher corps’ means a State-
11 led effort to elevate the status of the science, tech-
12 nology, engineering, and mathematics teaching pro-
13 fession by recognizing, rewarding, attracting, and re-
14 taining outstanding science, technology, engineering,
15 and mathematic teachers, particularly in high-need
16 and rural schools, by offering such teachers addi-
17 tional compensation, instructional resources, and in-
18 structional leadership roles.

19 **“SEC. 2503. GRANTS; ALLOTMENTS.**

20 “(a) IN GENERAL.—From amounts made available to
21 carry out this part for a fiscal year, the Secretary shall
22 award grants to State educational agencies, through allot-
23 ments described in subsection (b), to enable State edu-
24 cational agencies to carry out the activities described in
25 section 2505.

1 “(b) DISTRIBUTION OF FUNDS.—

2 “(1) IN GENERAL.—Subject to paragraph (2),
3 for each fiscal year, the Secretary shall allot to each
4 State—

5 “(A) an amount that bears the same rela-
6 tionship to 35 percent of the amount available
7 to carry out this part for such year, as the
8 number of individuals ages 5 through 17 in the
9 State, as determined by the Secretary on the
10 basis of the most recent satisfactory data, bears
11 to the number of those individuals in all such
12 States, as so determined; and

13 “(B) an amount that bears the same rela-
14 tionship to 65 percent of the amount available
15 to carry out this part for such year as the num-
16 ber of individuals ages 5 through 17 from fami-
17 lies with incomes below the poverty line in the
18 State, as determined by the Secretary on the
19 basis of the most recent satisfactory data, bears
20 to the number of those individuals in all such
21 States, as so determined.

22 “(2) FUNDING MINIMUM.—No State receiving
23 an allotment under this subsection may receive less
24 than one-half of 1 percent of the total amount allot-
25 ted under paragraph (1) for a fiscal year.

1 “(c) REALLOTMENT OF UNUSED FUNDS.—If a State
2 does not successfully apply for an allotment under this
3 part, the Secretary shall reallocate the amount of the State’s
4 allotment to the remaining States in accordance with this
5 section.

6 **“SEC. 2504. APPLICATIONS.**

7 “(a) IN GENERAL.—Each State desiring an allotment
8 under section 2503(b) shall submit an application to the
9 Secretary at such time, in such manner, and accompanied
10 by such information as the Secretary may require.

11 “(b) CONTENTS.—At a minimum, an application sub-
12 mitted under subsection (a) shall include the following:

13 “(1) A description of the needs, including as-
14 sets, identified by the State educational agency
15 based on a State analysis, which shall include—

16 “(A) an analysis of science, technology, en-
17 gineering, and mathematics education quality
18 and outcomes in the State, which may include
19 results from a pre-existing analysis;

20 “(B) labor market information regarding
21 the industry and business workforce needs with-
22 in the State; and

23 “(C) an analysis of the quality of pre-serv-
24 ice preparation at all public institutions of high-
25 er education (including alternative pathways to

1 teacher licensure or certification) for individuals
2 preparing to teach science, technology, engi-
3 neering, and mathematics subjects in the State.

4 “(2) An identification of the specific subjects
5 that the State educational agency will address
6 through the activities described in section 2505, con-
7 sistent with the needs identified under paragraph (1)
8 (referred to in this part as ‘identified subjects’).

9 “(3) A description, in a manner that addresses
10 any needs identified under paragraph (1), of—

11 “(A) how grant funds will be used by the
12 State educational agency to improve instruction
13 in the identified subjects;

14 “(B) the process that the State educational
15 agency will use for awarding subgrants, includ-
16 ing how relevant stakeholders will be involved;

17 “(C) how the State’s proposed project will
18 ensure increased access for students who are
19 members of groups underrepresented in science,
20 technology, engineering, and mathematics sub-
21 ject fields, which may include female students,
22 minority students, English learners, children
23 with disabilities, and economically disadvan-
24 taged students, to high-quality courses in 1 or
25 more of the identified subjects; and

1 “(D) how the State educational agency will
2 continue to involve stakeholders in education re-
3 form efforts related to science, technology, engi-
4 neering, and mathematics instruction.

5 **“SEC. 2505. AUTHORIZED ACTIVITIES.**

6 “(a) **REQUIRED ACTIVITIES.**—Each State edu-
7 cational agency that receives an allotment under this part
8 shall use the grant funds reserved under subsection (d)(2)
9 to carry out each of the following activities:

10 “(1) Increasing access for students through
11 grade 12 who are members of groups underrep-
12 resented in science, technology, engineering, and
13 mathematics subject fields, such as female students,
14 minority students, English learners, children with
15 disabilities, and economically disadvantaged stu-
16 dents, to high-quality courses in the identified sub-
17 jects.

18 “(2) Implementing evidence-based programs of
19 instruction based on high-quality standards and as-
20 sessments in the identified subjects.

21 “(3) Providing professional development and
22 other comprehensive systems of support for teachers
23 and school leaders to promote high-quality instruc-
24 tion and instructional leadership in the identified
25 subjects.

1 “(b) PERMISSIBLE ACTIVITIES.—Each State edu-
2 cational agency that receives an allotment under this part
3 may use the grant funds reserved under subsection (d)(2)
4 to carry out 1 or more of the following activities:

5 “(1) Recruiting qualified teachers and instruc-
6 tional leaders who are trained in identified subjects,
7 including teachers who have transitioned into the
8 teaching profession from a careers in the science,
9 technology, engineering, and mathematics fields.

10 “(2) Providing induction and mentoring serv-
11 ices to new teachers in identified subjects.

12 “(3) Developing instructional supports for iden-
13 tified subjects, such as curricula and assessments,
14 which shall be evidence-based and aligned with State
15 academic standards under section 1111(b)(1).

16 “(4) Supporting the development of a State-
17 wide STEM master teacher corps.

18 “(c) SUBGRANTS.—

19 “(1) IN GENERAL.—Each State educational
20 agency that receives a grant under this part shall
21 use the amounts not reserved under subsection (d)
22 to award subgrants, on a competitive basis, to eligi-
23 ble subgrantees to enable the eligible subgrantees to
24 carry out the activities described in paragraph (4).

1 “(2) MINIMUM SUBGRANT.—A State edu-
2 cational agency shall award subgrants under this
3 subsection that are of sufficient size and scope to
4 support high-quality, evidence-based, effective pro-
5 grams that are consistent with the purpose of this
6 part.

7 “(3) SUBGRANTEE APPLICATION.—

8 “(A) IN GENERAL.—Each eligible sub-
9 grantee desiring a subgrant under this sub-
10 section shall submit an application to the State
11 educational agency at such time, in such man-
12 ner, and accompanied by such information as
13 the State educational agency may require.

14 “(B) CONTENTS OF SUBGRANTEE APPLI-
15 CATION.—At a minimum, the application de-
16 scribed in subparagraph (A) shall include the
17 following:

18 “(i) A description of the activities that
19 the eligible subgrantee will carry out, and
20 how such activities will improve teaching
21 and student academic achievement in the
22 State’s identified subjects, in a manner
23 consistent with scientifically valid research.

24 “(ii) A description of how the eligible
25 subgrantee will use funds provided under

1 this subsection to serve students and
2 teachers in high-need schools.

3 “(iii) A description of how the eligible
4 subgrantee will use funds provided under
5 this subsection for services and activities to
6 increase access for students who are mem-
7 bers of groups underrepresented in science,
8 technology, engineering, and mathematics
9 subject fields, which may include female
10 students, minority students, English learn-
11 ers, children with disabilities, and economi-
12 cally disadvantaged students, to high-qual-
13 ity courses. Such activities and services
14 may include after-school activities or other
15 informal learning opportunities designed to
16 encourage interest and develop skills in 1
17 or more of the identified subjects.

18 “(iv) A description of how funds pro-
19 vided under this subsection will be coordi-
20 nated with other Federal, State, and local
21 programs and activities, including career
22 and technical education programs author-
23 ized under the Carl D. Perkins Career and
24 Technical Education Act of 2006.

1 “(v) If the eligible subgrantee is work-
2 ing with outside partners, a description of
3 how such outside partners will be involved
4 in improving instruction and increasing ac-
5 cess to high-quality learning experiences in
6 the State’s identified subjects.

7 “(4) SUBGRANTEE USE OF FUNDS.—

8 “(A) REQUIRED USE OF FUNDS.—Each
9 subgrantee under this subsection shall use the
10 subgrant funds to carry out activities for stu-
11 dents through grade 12, as described in the
12 subgrantee’s application, which shall include—

13 “(i) high-quality teacher and instruc-
14 tional leader recruitment, support, and
15 evaluation in the State’s identified sub-
16 jects;

17 “(ii) professional development, which
18 may include development and support for
19 instructional coaches, to enable teachers
20 and instructional leaders to increase stu-
21 dent achievement in identified subjects;

22 “(iii) activities to—

23 “(I) improve the content knowl-
24 edge of teachers in the State’s identi-
25 fied subjects;

1 “(II) facilitate professional col-
2 laboration, which may include pro-
3 viding time for such collaborations;
4 and

5 “(III) improve the integration of
6 informal and after school programs
7 that target the identified subjects,
8 with classroom instruction; and

9 “(iv) the development, adoption, and
10 improvement of high-quality curricula and
11 instructional supports that—

12 “(I) are aligned with the State
13 academic standards under section
14 1111(b)(1); and

15 “(II) the eligible subgrantee will
16 use to improve student academic
17 achievement in the identified subjects.

18 “(B) ALLOWABLE USE OF FUNDS.—In ad-
19 dition to the required activities described in
20 subparagraph (A), each eligible subgrantee that
21 receives a subgrant under this subsection may
22 also use the subgrant funds to—

23 “(i) support the participation of low-
24 income students in nonprofit competitions
25 related to science, technology, engineering,

1 and mathematics subjects (such as robot-
2 ics, science research, invention, mathe-
3 matics, computer science, and technology
4 competitions);

5 “(ii) broaden secondary school stu-
6 dents’ access to, and interest in, careers
7 that require academic preparation in 1 or
8 more identified subjects;

9 “(iii) broaden secondary school stu-
10 dents’ access to early college high schools,
11 dual enrollment, or concurrent enrollment
12 courses in science, technology, engineering,
13 and mathematics subjects, including pro-
14 viding professional development to teachers
15 and leaders related to this work; and

16 “(iv) broaden student access to
17 mentorship, tutoring, and after-school ac-
18 tivities or other informal learning opportu-
19 nities designed to encourage interest and
20 develop skills in 1 or more identified sub-
21 jects.

22 “(C) MATCHING FUNDS.—A State may re-
23 quire an eligible subgrantee receiving a
24 subgrant under this subsection to demonstrate
25 that such subgrantee has obtained a commit-

1 ment from 1 or more outside partners to match,
2 using non-Federal funds, a portion of the
3 amount of subgrant funds, in an amount deter-
4 mined by the State.

5 “(d) STATE ACTIVITIES.—

6 “(1) IN GENERAL.—Each State educational
7 agency that receives an allotment under this part
8 may use not more than 5 percent of grant funds
9 for—

10 “(A) administrative costs;

11 “(B) monitoring the implementation of
12 subgrants;

13 “(C) providing technical assistance to eligi-
14 ble subgrantees; and

15 “(D) evaluating subgrants in coordination
16 with the evaluation described in section
17 2506(c).

18 “(2) RESERVATION.—Each State educational
19 agency that receives an allotment under this part
20 shall reserve not less than 15 and not more than 20
21 percent of grant funds, inclusive of the amount de-
22 scribed in paragraph (1), for additional State activi-
23 ties, consistent with subsections (a) and (b).

1 **“SEC. 2506. PERFORMANCE METRICS; REPORT; EVALUA-**
2 **TION.**

3 “(a) ESTABLISHMENT OF PERFORMANCE
4 METRICS.—The Secretary, acting through the Director of
5 the Institute of Education Sciences, shall establish per-
6 formance metrics to evaluate the effectiveness of the ac-
7 tivities carried out under this part.

8 “(b) ANNUAL REPORT.—Each State educational
9 agency that receives an allotment under this part shall
10 prepare and submit an annual report to the Secretary,
11 which shall include information relevant to the perform-
12 ance metrics described in subsection (a).

13 “(c) EVALUATION.—The Secretary shall—

14 “(1) acting through the Director of the Insti-
15 tute of Education Sciences, and in consultation with
16 the Director of the National Science Foundation—

17 “(A) evaluate the implementation and im-
18 pact of the activities supported under this part,
19 including progress measured by the metrics es-
20 tablished under subsection (a);

21 “(B) identify best practices to improve in-
22 struction in science, technology, engineering,
23 and mathematics subjects; and

24 “(C) ensure that the Department is taking
25 appropriate action to avoid unnecessary dupli-
26 cation of efforts between the activities being

1 supported under this part and other pro-
2 grammatic activities supported by the Depart-
3 ment or by other Federal agencies; and
4 “(2) disseminate, in consultation with the Na-
5 tional Science Foundation, research on best prac-
6 tices to improve instruction in science, technology,
7 engineering, and mathematics subjects.”.

