

2 **SSB 5402 - H COMM AMD ADOPTED 4-15-93**

3 By Committee on Higher Education

4

5 Strike everything after the enacting clause and insert the
6 following:

7 "NEW SECTION. **Sec. 1.** (1) The legislature finds:

8 (a) Mathematics, science, and technology subtly but profoundly
9 impact the lives of Washington state residents. In the coming years
10 mathematics, science, and technology will become increasingly important
11 in addressing societal concerns about health, environmental protection,
12 conservation, energy supply, and industrial growth;

13 (b) There is consensus that the most likely leading industries in
14 the twenty-first century will be in microelectronics, biotechnology,
15 new materials industries, civilian aviation, telecommunications,
16 robotics, and computer-related technologies. This means that literacy
17 in mathematics, science, and technology will become increasingly
18 important to the economic future of Washington state; and

19 (c) National education goal number four establishes that by the
20 year 2000, United States students will be first in the world in science
21 and mathematics achievement.

22 (2) The legislature recognizes that change is not optional and
23 believes that only if literacy in mathematics, science, and technology
24 is expanded to include all segments of the population can Washington
25 state build upon existing public and private sector resources to take
26 full advantage of the projected leading industries for the twenty-first
27 century and achieve national education goal number four.

28 (3) It is the intent of the legislature to develop a long-range,
29 comprehensive mathematics, science, and technology literacy program
30 that reaches into all segments of society and supports a vision in
31 which Washington state is a place where all citizens demonstrate,
32 value, and support literacy in mathematics, science, and technology.

33 NEW SECTION. **Sec. 2.** Before July 1, 1994, the higher education
34 coordinating board may solicit, receive, and expend any private gifts
35 or grants to conduct the study in section 3 of this act. Funds shall

1 be expended in accordance with the conditions contingent in the gift or
2 grant of those funds.

3 NEW SECTION. **Sec. 3.** If sufficient funding from public or private
4 sources is made available specifically for the purposes of this act by
5 July 1, 1994, the higher education coordinating board shall contract
6 with an appropriate person or entity to conduct a study on the
7 feasibility and desirability of creating a Washington state institute
8 for science, technology, and society. The study shall be completed by
9 July 1, 1995.

10 NEW SECTION. **Sec. 4.** The study in section 3 of this act shall
11 include but not be limited to:

12 (1) Identification of an appropriate role and mission for the
13 institute;

14 (2) Options for a governmental structure and location of an
15 institute; and

16 (3) Options for funding.

17 NEW SECTION. **Sec. 5.** For the purpose of the study in section 3 of
18 this act, the purpose of a Washington state institute for science,
19 technology, and society is as follows:

20 (1) Implementation of a long-range comprehensive mathematics,
21 science, and technology literacy program;

22 (2) Development, identification, and dissemination of math,
23 science, and technology curriculum options, textbooks, and course
24 materials;

25 (3) Provide institutes, workshops, and in-service training to
26 teachers, college and university professors, and school administrators;

27 (4) Coordinate the dissemination of information to groups and
28 agencies, including a clearinghouse of speakers on mathematics,
29 science, and technology literacy; and

30 (5) Provide technical expertise to common schools and institutions
31 of higher education.

32 NEW SECTION. **Sec. 6.** Based on the study conducted under section
33 3 of this act, the higher education coordinating board shall report

1 findings, conclusions, and recommendations to the legislature and the
2 governor no later than January 1, 1996."

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