

HOUSE BILL No. 4836

May 17, 1989, Introduced by Rep. Jacobetti and referred to the Committee on Appropriations.

A bill to make appropriations for the department of education and certain other purposes relating to education for the fiscal year ending September 30, 1990; to provide for the expenditure of the appropriations; to prescribe the powers and duties of certain state departments and school districts; and to provide for the disposition of fees and other income received by certain legal entities and state agencies.

THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

1 Sec. 101. There is appropriated for the department of education to
2 supplement former appropriations for the fiscal year ending September 30,
3 1990, from the following funds:

4 DEPARTMENT OF EDUCATION

5 APPROPRIATIONS SUMMARY:

6	GROSS APPROPRIATION:.....	\$	29,000,000
7	Total interdepartmental grants.....		29,000,000

1	ADJUSTED GROSS APPROPRIATION.....	\$	0
2	Total federal revenues.....		0
3	Total local revenues.....		0
4	Total private revenues.....		0
5	State general fund/general purpose.....	\$	0
6	GRANTS AND DISTRIBUTIONS		
7	Early childhood development programs.....	\$	6,000,000
8	Educational extension service.....		3,000,000
9	Mathematics and science challenge grants.....		2,000,000
10	Innovative mathematics and science curriculum.....		3,000,000
11	Classrooms of tomorrow.....		15,000,000
12	GROSS APPROPRIATION.....	\$	29,000,000
13	Appropriated from:		
14	IDG from school aid grant allocation.....		29,000,00
15	State general fund/general purpose.....		0

16 GENERAL SECTIONS

17 Sec. 201. (1) In accordance with the provisions of section 30 of
18 article IX of the state constitution of 1963, total state spending from
19 state resources in this appropriation act is \$29,000,000.00 and state
20 appropriations to be paid to local units of government in section 101 are
21 as follows:

For Fiscal Year
Ending Sept. 30,
1990

DEPARTMENT OF EDUCATION

Early childhood development programs.....	\$	6,000,000
Mathematics and science challenge grants.....		2,000,000
Classrooms of tomorrow.....		<u>15,000,000</u>
Total.....	\$	23,000,000

Sec. 202. For the fiscal year ending September 30, 1990, each amount appropriated in section 101 shall be adjusted pro rata to reflect the actual allocation provided under section 12 of the state school aid act of 1979, Act No. 94 of the Public Acts of 1979, being section 388.1612 of the Michigan Compiled Laws, in accordance with section 11a(2) of the state school aid act of 1979, Act No. 94 of the Public Acts of 1979, being section 388.1611a of the Michigan Compiled Laws.

GRANTS AND DISTRIBUTIONS

Sec. 301. The amount appropriated in section 101 for innovative mathematics and science curriculum shall be expended for the innovative mathematics and science curriculum project. These funds shall be used to coordinate a comprehensive effort to improve the curriculum of K to 12 mathematics and science through the development of a model statewide curriculum. The project shall coordinate the efforts of the department, research universities, professional organizations, local and intermediate school districts, and other groups involved in mathematics and science considered appropriate by the department. The innovative mathematics and science curriculum project shall include, but not be limited to, all of the following:

1 (a) An examination of the state's goals for mathematics and science
2 education outlining the scientific and mathematical knowledge, skills,
3 and attitudes desired for all students.

4 (b) The development of new curriculum models for mathematics and
5 science, with appropriate support materials, including, but not limited
6 to, new technology, educational software, instructional materials, unit
7 tests, classroom activities, video materials, and evaluation
8 instruments.

9 (c) The design of a plan for statewide dissemination and implementa-
10 tion of a mathematics and science curriculum, including, but not limited
11 to, recommendations for professional development of teachers and the role
12 of intermediate school districts, mathematics and science centers, and
13 the education extension service.

14 (d) The development of assessment and evaluation instruments to
15 improve the mathematics and science curriculum.

16 (e) The coordination of efforts with state institutions of higher
17 education to incorporate the mathematics and science curriculum into
18 teacher preparation programs.

19 Sec. 302. (1) From the amount appropriated in section 101 for
20 classrooms of tomorrow, \$11,000,000.00 shall be expended for the class-
21 rooms of tomorrow program debt service for technology bonding.

22 (2) From the amount appropriated in section 101 for classrooms of
23 tomorrow, \$2,000,000.00 shall be expended for rural educational technol-
24 ogy for the purposes of expanding instructional telecommunication serv-
25 ices throughout the state in order to improve school curriculum and pro-
26 vide increased opportunities for student learning. To be eligible for
27 funds under this subsection, an applicant shall submit to the department

1 for approval a plan and a timetable for implementing a 2-way interactive
2 video, audio, and data delivery system for K to 12, postsecondary, con-
3 tinuing education, government, health, public service, and community
4 use. Plans submitted for approval shall include integrated and cost
5 effective design, training, and curriculum components.

6 (3) From the amount appropriated in section 101 for classrooms of
7 tomorrow, \$2,000,000.00 shall be expended for training of school person-
8 nel in the use of educational technology related to the implementation of
9 the schools of tomorrow program. To be eligible for funds under this
10 subsection, an applicant shall submit to the department for approval an
11 educational technology plan which conforms to criteria established by the
12 department.

13 Sec. 303. (1) The amount appropriated in section 101 for mathemat-
14 ics and science challenge grants shall be expended for the planning,
15 start-up and development, and continuing support of, and outreach pro-
16 grams for, high school mathematics and science centers. These centers,
17 within a designated service area, shall provide accelerated instruction
18 in mathematics, science, and computer science for qualified high school
19 students and serve as a resource and support center for teacher training,
20 curriculum development, enrichment programs, and other activities and
21 programs related to the overall improvement of mathematics and science
22 education for high school students.

23 (2) A grant awarded under this section for planning shall be
24 expended for developing community support for, and for planning, a high
25 school mathematics and science center. A grant awarded under this sec-
26 tion for start-up and development shall be expended for building
27 renovation, the purchase of mathematics and science-related equipment,

1 and curriculum development. A continuing support grant awarded under
2 this section shall be expended for operational costs of existing mathe-
3 matics and science centers. A grant awarded under this section for out-
4 reach shall be expended to extend the impact of a mathematics and science
5 center to other area high school students and high school educators.

6 (3) A school district, intermediate school district, or science or
7 technological museum may apply for a grant described in subsection (2) in
8 a manner and on a form prescribed by the department.

9 (4) Each grant application shall include, but not be limited to, all
10 of the following:

11 (a) A statement of the purpose and goals of the applicant and the
12 projected impact on improving the mathematics and science curriculum for
13 high school students in the area.

14 (b) An assurance that any plan for student selection will provide
15 fair access to the mathematics and science center for all students from
16 participating high schools.

17 (c) A clearly defined plan for funding the proposal, including, but
18 not limited to, a list of all anticipated local or private funds.

19 (d) Evidence that the state grants will be matched by the applicant
20 on at least a 3 to 1 ratio for planning and for start-up and development
21 grants and at least a 1 to 1 ratio for outreach and ongoing support
22 grants.

23 (e) Evidence of the establishment of a local advisory committee com-
24 posed of teachers, administrators, parents, and representatives of higher
25 education, business, and industry.

26 (5) The superintendent of public instruction shall establish an
27 advisory committee composed of not less than 11 members to review all

1 grant applications received pursuant to this section and to recommend
2 grant recipients. The advisory committee shall include 3 teachers,
3 4 science-based professionals from business and industry, 1 parent, and
4 3 science or mathematics specialists from higher education such as
5 science museums or private foundations.

6 (6) After reviewing the grant applications received pursuant to this
7 section, and not later than December 1, 1989, the advisory committee
8 shall submit a list of recommended grant recipients and amounts to the
9 department. A grant for planning shall not exceed \$25,000.00. A grant
10 for start-up and development shall not exceed \$250,000.00. A continuing
11 support grant shall not exceed \$100,000.00, with not less than an equal
12 match from private sources. A grant for outreach programs shall not
13 exceed \$150,000.00. The state board of education shall determine the
14 final selection of grant recipients, and the superintendent of public
15 instruction shall submit to the senate and house appropriations subcom-
16 mittees responsible for the department's budget for their approval the
17 list of grant recipients and amounts before any funds described in this
18 section are released.

19 MISCELLANEOUS PROVISIONS

20 Sec. 401. This act shall take effect January 1, 1990.

21 Sec. 402. This act shall not take effect unless House Joint
22 Resolution I of the 85th Legislature becomes a part of the state consti-
23 tution of 1963 as provided in section 1 of article XII of the state con-
24 stitution of 1963.