

110TH CONGRESS
1ST SESSION

H. R. 38

To amend the Head Start Act to improve the math and science readiness
of disadvantaged children.

IN THE HOUSE OF REPRESENTATIVES

JANUARY 4, 2007

Mr. EHLERS introduced the following bill; which was referred to the
Committee on Education and Labor

A BILL

To amend the Head Start Act to improve the math and
science readiness of disadvantaged children.

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 “Math & Science School
5 Readiness Act of 2007”.

6 **SEC. 2. FINDINGS.**

7 The Congress finds the following:

8 (1) Promoting premathematics and prescience
9 knowledge and skills in young children is important
10 for school readiness.

1 (2) These competencies may be promoted
2 through early science and math experiences, includ-
3 ing observing with senses, predicting, inferring, de-
4 fining and controlling variables, working in teams,
5 and communicating discoveries.

6 (3) Many simple science and math experiences
7 may be used in a Head Start program to promote
8 these competencies, including planting different
9 seeds with various types of growing medium, light,
10 and water; building towers with various block sizes;
11 employing ramps and different balls; and watching
12 ice melt in different school environments.

13 **SEC. 3. QUALITY STANDARDS FOR MATH AND SCIENCE.**

14 Section 641A(a)(1)(B) of the Head Start Act (42
15 U.S.C. 9836a(a)(1)(B)) is amended—

16 (1) in clause (ii)—

17 (A) in subclause (I) by striking “, print,
18 and numeracy” and inserting “and print”, and

19 (B) in subclause (V) by striking the period
20 at the end and inserting a semicolon, and

21 (C) by striking the period at the end and
22 inserting “; and”, and

23 (2) by adding at the end the following:

24 “(iii) Additional scientifically-based edu-
25 cation performance standards to ensure that

1 the children participating in the program, at a
2 minimum, develop and demonstrate
3 premathematics and prescience knowledge and
4 skills, including number concepts such as count-
5 ing and seriation; number operations such as
6 addition, subtraction, and multiplication; geom-
7 etry and spatial concepts; classification; and
8 time and measurement concepts.”.

9 **SEC. 4. CLASSROOM TEACHERS.**

10 Section 648A(a)(1)(A) of the Head Start Act (42
11 U.S.C. 9843a(a)(1)(A)) is amended by striking
12 “numeracy” and inserting “premathematics and pre-
13 science”.

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