

And obviously, I am talking once again with 5 months of background on this point, which may not be long enough to give the best kind of responses, the most meaningful responses.

Let me take one of the illustrations a step or two further that I have heard mentioned here this morning—the minimath.

Here is a new system of teaching mathematics in the elementary grades, different from what we call the new math, which is in effect the Yale math system, supported by the National Science Foundation.

These materials eventually will be available to correlate or interrelate the teaching of science and mathematics, from kindergarten through at least the sixth grade, being the immediate plan, which might achieve increased learning rate on the part of children.

Mrs. GREEN. I am interested more in the procedure, rather than the substance of it. How would you get it out to the local school systems?

Dr. HOPPER. The first thing that we are doing now is testing these materials in two schools, because once you start, you need to begin to go through three or four grades. So we now have nine teachers that are using this particular—

Mrs. GREEN. How do you go to the school, and how do you select the teacher, and how do you get the material for that teacher?

Dr. HOPPER. We are using the normal educational protocol, where involved is an understanding on the part of the State department of education that this is a kind of activity that we are trying out. From there, the staff member goes to the superintendent, to determine if there are schools that would be interested in his system, and there is discussion with the faculty to see if they are interested in this kind of innovation, of trying out new materials, to evaluate materials, to find out how they work with young people, assisting in the standardization of material.

Then the teachers are consulted, in the PTA meetings in the two schools in which they are being tried.

From this point, assuming that some significant success is obtained, that is, learning beyond that normally anticipated in the early grades, then we will provide opportunities to move these materials into the 24 pilot demonstration schools, in order to have broader testing around the region.

Now, it is this ingredient of the trial and test of new materials which has really blocked educational development in the past.

Mrs. GREEN. Can you go to the superintendent and then to the individual school, and then to the teacher?

Dr. HOPPER. That is correct.

Mrs. GREEN. We will adjourn until tomorrow morning in this same room, beginning at 9:30.

My thanks to all of you people who have given us the benefit of your views.

The committee is adjourned.

(Whereupon, at 12:45 p.m., the committee adjourned, to reconvene at 9:30 a.m., Thursday, December 8, 1966.)