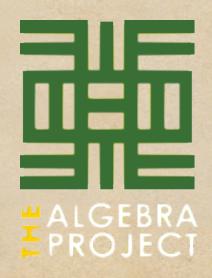
assessment of mathematical proficiencies in the age of the common core diversity & equity

The Algebra Project



The Algebra Project



F.1 "WE THE PEOPLE" FORUM LINKS VOTING RIGHTS
LEGACY + PUBLIC EDUCATION

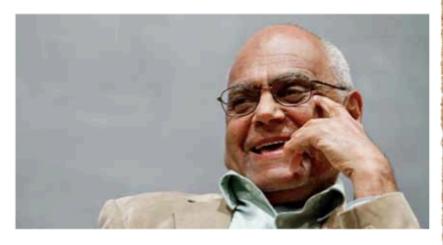
Vision for Quality Public School Education re-energizes long struggle

The Algebra Project began at the King Open program in Cambridge, MA 30 years ago. Since then, over 100,000 students and upwards of 3,000 teachers have participated. Our focus remains pin-pointed: devising "what to teach and how to teach it" so that students previously performing in the lowest quartile on standardized exams are willing to do the hard work of learning mathematics, and support their peers in doing the same.

Bob Moses recently noted, "the Algebra Project has shown that there is a way for students at the bottom to learn math, graduate high school in four years, and be ready for college math for college credit. And once there are enough examples of success coming from a national coalition,

we can dispel the myth that 'these kids don't want to or can't learn.' In so doing, I believe we will be in position to launch a movement, in collaboration with the Young Peoples' Project, toward quality education as a constitutional right."

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MICHIGAN ADHERS AS ATH INSTITUTE ACK IN MIARIS



m links voting education



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- Who is the Algebra Project?
- How is assessment an equity issue?
- How does it look in action?



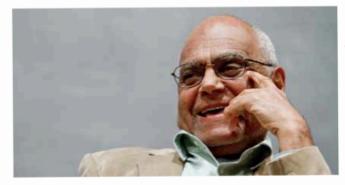
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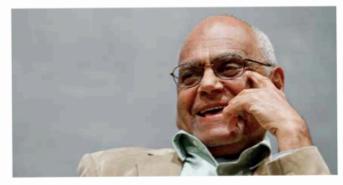
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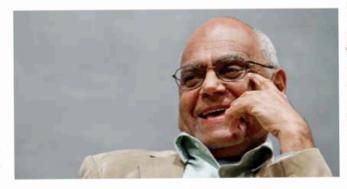
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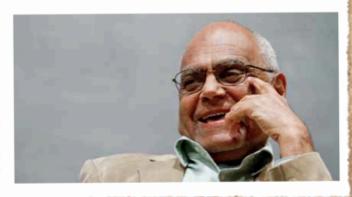
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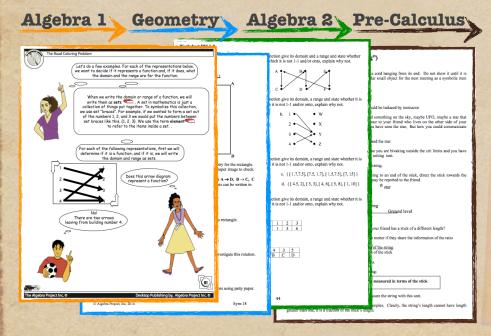


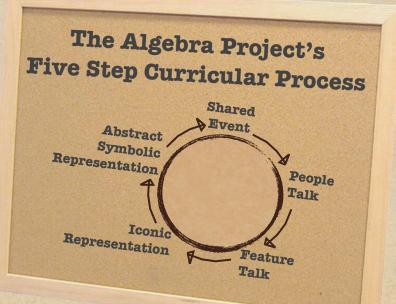
responsive to student understanding

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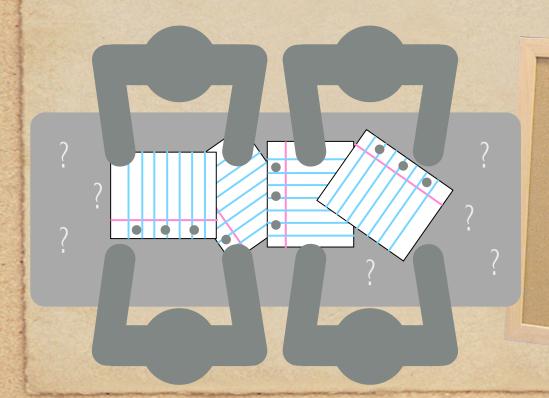




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Example:
Participation Quiz

Formative assessment protocol for students to develop mathematical practices and teachers to make the learning public

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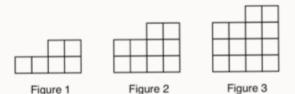


Tile Pattern Team Challenge

Your task. Your team is going to work together to:

- A) visualize a geometric pattern in multiple ways and
- B) write clear directions that another team could follow to find the area of any figure in the pattern.

Each person needs to record on her or his own paper!



Draw Figures 0, 4, and 5.

Describe Figure 100.

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ining

• How does it look in action?



-RM on th

+RR Visualizing and explaining how the figure should look

+"How do you get zero?"

+Two is added every time... so..." there must be a pattern

TC talking +"So Figure #5 is... " checking in with each team member

+Making sense of the pattern by discussing it

Example: Participation Quiz

Formative assessment protocol for students to develop mathematical practices and teachers to make the learning public