

Authors

Michael Kremer The University of Chicago

Edward Miguel University of California, Berkeley Center for Effective Global Action (CEGA)

Rebecca Thornton Professor of Economics

Incentives to Learn

Michael Kremer* Harvard University, Brookings University of California, University of Michigan Institution, and NBER

Edward Miguel** Berkeley, and NBER Rebecca Thornton

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Abstract: We report results from a randomized evaluation of a merit scholarship program in Kenya in which girls who scored well on academic exams at the end of 6th grade had their school fees juid and received a cash grant for school supplies over the next two years. In the sample as a whole, girls eligible for the scholarship showed substantial gains in academic exam scores, and teacher attendance also improved significantly in program schools. There was also evidence of positive externalities: girls with low pre-test scores, who were unlikely to win scholarships, showed test score gains in program schools. We cannot reject the hypothesis that test score gain were the same for girls with low and high pre-test scores. We see no evidence for weakened intrinsic motivation or gaming, and effects persist after incentives were removed. There is also evidence of heterogeneity in program effects, suggesting the impact of incentives is context dependent. In one of the two study districts, test score effects were large, there were positive spillowers to boys, and student attendance increased in program schools. In the other district, attrition complicates estimation, but we cannot reject the hypothesis that there was no program effect.

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Incentives to Learn

We report results from a randomized evaluation of a merit scholarship program in Kenya in which girls who scored well on academic exams at the end of 6th grade had their school fees paid and received a cash grant for school supplies over the next two years. In the sample as a whole, girls eligible for the scholarship showed substantial gains in academic exam scores, and teacher attendance also improved significantly in program schools. There was also evidence of positive externalities: girls with low pre-test scores, who were unlikely to win scholarships, showed test score gains in program schools. We cannot reject the hypothesis that test score gains were the same for girls with low and high pre-test scores. We see no evidence for weakened intrinsic motivation or gaming, and effects persist after incentives

Dept. of Economics, Harvard University, The Brookings Institution, and NBER. Littuser 207, Harvard University, Cambridge, MA 02138, USA: pulsement9 for her and other.
Dept. of Economics, University of California, Berkeley and NBER. 549 Evans Hall 03800, University of California, Berkeley, CA 04720-3880, USA: gamped @cons.berkeley.cala.
Dept. of Economics, University of Michigan, 611 Tappus, 300 Londs Hall, Ann. Arbor, MI 48109-1220, USA;



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