

ABSTRACT

CAVE, MIRANDA DAWN: Impact of Community Service Learning on Middle School African and Latino Americans' Understanding of Mathematics. (Under the direction of Karen F. Haldrup.)

The purpose of this study is to examine how community service learning affects students' engagement and mathematical understanding of geometric transformations.

Six African American and four Latino American sixth grade students participated in the study. These students attended an after-school community learning service activity over the course of a semester. The community service activity centered on promoting art and culture awareness in their school while the academic goal focused on geometric transformations.

The questions that guided the study are (1) how can community service learning engage African and Latino Americans in learning geometry, and (2) what is the nature of African and Latino Americans' growth in understandings of geometric transformations.

For each research question, both quantitative and qualitative data was collected and analyzed. Quantitative data included a pre-and posttest Engagement questionnaire and a pre-and posttest Mathematics Understanding assessment. Qualitative data involved researcher notes, transcriptions, reflection journals, interviews, and Mathematics Understanding assessment. Quantitative data was analyzed by employing nonparametric statistical methods.

For the qualitative data, Lave & Wenger's (1991) framework on legitimate peripheral participation was applied to examine participants' engagement in mathematics. Also, Piore & Kieren's (1994) growth in mathematical understanding model was used to analyze students' improvement in their mathematical understanding of transformations. The findings from the quantitative data did not demonstrate a statistically significant improvement in African and Latino Americans' engagement or their growth in understanding geometric transformations.

Impact Of Community Service Learning On Middle School African And Latino Americans Understanding Of Mathematics

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Summary : Free impact of community service learning on middle school african and latino americans understanding of mathematics pdf download - the purpose of this study is to examine how community service learning affects students engagement and mathematical understanding of geometric transformations six african american and four latino american sixth grade students participated in the study these students attended an after-school community learning service activity over the course of a semester the community service activity centered on promoting art and culture awareness in their school while the academic goal focused on geometric transformations the questions that guided the study are 1 how can community service learning engage african and latino americans in learning geometry and 2 what is the nature of african and latino americans growth in understandings of geometric transformations

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PDF IMPACT OF COMMUNITY SERVICE LEARNING ON MIDDLE SCHOOL AFRICAN AND LATINO AMERICANS UNDERSTANDING OF MATHEMATICS

u.s. department of the interior service-learning toolkit - u.s. department of the interior service-learning ... populations—primarily hispanic or latino americans, african ... middle and high school students in service ...

african american pre-service teachers' perspectives on ... - ... of the african americans that do choose to ... ?oor was a school named simmons middle school,¹ which held ... service-learning project with a tenth grade ...

cultural competence curriculum - vdoe - cultural competence curriculum ... 1. bourdouane, gladis school & community relations ... african americans ...

college success programs - university of southern... - college success programs ... african americans were enrolled in postsecondary ... and latino population increased by more than 200% between 1976 and ...

ethnic and racial disparities in education: psychology's ... - school readiness—beyond knowing names of letters 26 ... reading and mathematics disparities in kindergarten 28 ... contributions to one's community, ...

is the no child left behind act adversely impacting the ... - is the no child left behind act adversely ... namely, african americans, ... curriculum via the arts to latino middle and high school students enrolled in ...

archvied: effective teaching strategies for engaging ... - effective teaching strategies for engaging ... learning in school and what they need to know to be a valuable member of their tribe and community (page 15). since ...

task1. context for learning form - sacramento state - task1. context for learning form ... school, and home/community resources. ... the racial breakdown is 28 african americans and 7 latinos.

revitalizing k-12 civic learning in california - civic learning projects have a lasting impact 16 service learning ... just 13 percent of high school seniors showed a solid understanding ... standards in mathematics ...

truancy reduction: keeping students in school - each school day, hundreds of thou- ... office in arizona and the truancy reduction demonstration program, ... factors in the community. predictor of delinquency

what matters to student success: a review of the literature - learning communities ... 10 learning community participation rates, ... african american, latino, and native american students; ...

overrepresentation of african american males in special ... - overrepresentation of african americans in special ... unequal school conditions that african american ... disturbance and learning disability, african ...

“connecting assessment and social justice: navigating the ... - challenges african-american and latino male students face while being educated ... school and community ... mathematics teaching in the middle school, ...

addressing over-representation of african american ... - addressing over-representation of african american students in ... the entire school community ... addressing over-representation of african american students in ...

improving reading comprehension - eric - improving reading comprehension ... 3.9% african american, ... surrounding community the school is located in a suburban village community in a midwestern state.

current non-impacted ucla majors this list is compiled by ... - students to understand that studying african languages is not a matter of learning ... experiences of african americans. ... service, and community service ...

guidebook common psychosocial problems of school aged youth - teams to school-community-higher ... c. school family service ... professionals with psychological training are expected to bring to school settings understanding of

jamaal s. matthews - montclair state university - jamaal s. matthews curriculum vitae ... which middle school model works best? ... african-americans and boys: understanding the literacy gap, ...

cultural values, parents' beliefs, and children's ... - cultural values, parents' beliefs, and children's achievement ... civil service. ... survey of the ideology of chinese middle-school children, tong et al. ...

2008 annual meeting program - university at albany, suny - 2008 annual meeting program ... does participation in signature service-learning positively impact ... of college adjustment for african americans.

dr. dario a. - city university of new york - dr. dario a. cortes dr. cortes is a forward-thinking leader and visionary ... african-americans, ... community service; economic development ...

trends report 2007 - alliance library system - trends report 2007 i ... economic trends that impact multitype library service in central illinois ... gradually as african american and hispanic/latino populations ...