

1117-97-354

Kimbeni H Mansion* (kmansion1@student.gsu.edu), Lawrenceville, GA 30045. *The Inclusion of Culture in the Mathematics Classroom by Implementing Ethnomathematics*. Preliminary report.

This presentation examines how ethnomathematics, cultural mathematics, provides students in the mathematics classroom opportunities to explore the human aspect, including the creation and discovery of mathematics, from different perspectives around the world. This presentation will also discuss how educators can employ a variety of cultural inputs, such as those used to identify individuals, families, communities, and schools to engage students in mathematics classrooms through the teaching of ethnomathematics. Ethnomathematics acknowledges the connection between mathematics and culture and, as a result, shares with others the many applications of mathematics. By observing and appreciating cultural practices of others and oneself, students are able to self-identify with the study at hand and position mathematics in academic relevance. Recognizing and appreciating the diversity of students' cultures validates the mathematical practices students often wonder about. (Received January 17, 2016)