

1106-D1-623

Anne M Raymond* (araymond@bellarmine.edu), Mathematics Department, Bellarmine University, 2001 Newburg Road, Louisville, KY 40205. *An Island Divided: Diversity and Mathematics on St. Maarten.*

The history of the island of St. Maarten is rich with the blending of many cultures in the Caribbean, South American and Europe. The current division of the island into two primary countries, The Netherlands and France, was determined in 2001 and has the potential to evolve yet again. The mathematics of the island primarily center around economic issues, tourism (the main industry), dance and education. This paper focuses on the Dutch side of the island examining the variety of educational choices, the mathematics curriculum, mathematical expectations of the education system and the historical and current connections to island life. Data from national documents and first-hand interviews with members of the ministry and practicing mathematics teachers is analyzed across these areas. Implications from this research for the mathematics classroom and for mathematics teacher education are shared. (Received September 03, 2014)