

ZMATH 2015f.00960

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Multiples moves.

Math. Teach. (Derby) 238, 26 (2014).

Summary: The author uses dance to bring mathematics alive. Covering one hundred students, for sixty minutes of mathematics, in the school hall, with little notice and no time to plan, what would you do? Might dance be on your agenda? This account describes how real mathematics ‘happened’ with the help of Runaway by Bruno Mars. It was fun, it was engaging, and it motivated learners to think about, and discuss the mathematics they were able to identify within the context of performing a dance sequence.

Classification: M93 F63

Keywords: mathematical applications; dancing; music; student activities; lower secondary; lcm; least common multiples; divisibility; movement; rhythm