

1135-Q5-561

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¿Dancing?*

Contradance is an American folk dance where couples dance as they stand across each other in long parallel lines (to get an idea of how it looks/sounds visit <https://www.youtube.com/watch?v=jcYOIXIMfJQ>). A "caller" announces the next moves and dancers cheerfully perform them (for example: <https://www.youtube.com/watch?v=DBvhyVata9I> ).

In this session I will discuss my experience using Contradance as part of a one week long class for 7th graders at BEAM, a program to help underserved students enter advanced study in mathematics. This activity helps introduce and explore concepts like identity, inverses, commutative, generators, and symmetries of polygons through fun and dancing. (Received September 08, 2017)