

1116-00-2987      **Karl H. Schaffer\*** ([karl\\_schaffer@yahoo.com](mailto:karl_schaffer@yahoo.com)), 325 Lucinda St, Scotts Valley, CA 95066.

*Dancing with Polyhedra.*

We will briefly explore ways of constructing polyhedra with loops of string, lengths of PVC pipe, fingers, or bodies, and see how these constructions may be incorporated into dances or classroom math and movement activities. Mathematical connections include concepts from graph theory and geometry, and artistic elements include learning to dance with props. The constructions have inspired mathematical problems as well as mathematical dances (Received October 02, 2015)