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Robin J Wilson* (r.j.wilson@open.ac.uk), Department of Mathematics, The Open University, Walton Hall, Milton Keynes, MK7 6AA, England. *Yea, Why Try Her Raw Wet Hat?*

This illustrated talk illustrates the various mathematical devices that composers have employed when writing music. These devices include canon, inversion, rotation and translation, as well as the use of magic squares, fractals, and projective planes. The composers featured include Purcell, Bach, Haydn, Hindemith and Bartok, and the title of the talk will be explained. (Received September 03, 2006)