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Mystical magic squares.

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From the text: Mathematical puzzles, like magic squares, have generated tremendous interest among children and adults alike for thousands of years. They also represent one way that cultures throughout history have ascribed mystical properties to numbers. In the classroom, magic squares present a great opportunity to make historical connections and explore problem solving in a fun way. Magic squares can also support many of NCTM's Principles and Standards, including the Connections and Number and Operations Standards. In this activity, students develop number sense, explore operations, practice their problem-solving skills, investigate the distributive and commutative properties, and learn about mathematical history in a fun and engaging manner.

Classification: A20 F33 K23 F63

Keywords: magic squares; history; student activities; worksheets; recreational mathematics; problem solving; lower secondary

<http://www.nctm.org/Publications/mathematics-teaching-in-middle-school/2015/Vol20/Issue6/Mystical-Magic-Squares/>