Rubik 6x6x6

a.k.a. V-Cube 6x6x6

(plastic, 2.75 inches; opposite black, red, blue is yellow, orange, green)

Uses slightly rectangular cubes on the edges and larger square cubes at the corners; works with a click-stop action. The Wikipedia Page outlines a number of solution strategies, and Jaap's Page presents a four phase solution in the same theme as for the larger Rubik 7x7x7 cube. The Verdes patent describes designs as large as 11x11x11. Below are photos of the this puzzle partially disassembled and the pieces that are used; note that some of these pieces are used for filling space that is not seen from the outside.

Further reading:
Jaap's Page, from: http://www.jaapsch.net/puzzles/cube6.htm
Verdes Patent, from: www.uspto.gov - patent no. 7,600,756

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