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The Mathwright Library freely distributes over the internet fascinating and intriguing mathematical explorations developed over several years by faculty involved with MAA's Interactive Math Text Project (IMTP), and related activities. For a new MAA project (WELCOME), participants are developing additional interactive explorations for inclusion in a second library. All of these interactive explorations make mathematics come alive in a way that students can see, touch, and handle. Using only the familiar screen interaction idiom characteristic of webpages, students interact with symbolic, numerical, textual, and visual aspects of mathematical contexts. The activities in the library have the added virtue of being "open source," so that interested teachers can easily modify and enhance them to suit individual goals of instruction. This presentation will demonstrate some samples from the Mathwright Library, as well as work under development for Project WELCOME. Supported by NSF Grant DUE-9952530. (Received September 14, 2000)