1067-C5-1192 Kay E. Smith* (smithk@stolaf.edu), Saint Olaf College, 1520 Saint Olaf Avenue, Northfield, MN 55057. Codes in History, the Arts, and Literature.

Codes have played an important part in history and have been used by writers, painters, and musicians. In this talk we describe some of these historical events and artistic uses of codes, which can provide enrichment or project topics in courses for majors or non-majors. Examples include: Thomas Jefferson's interest in cryptography, the Zimmerman telegram and America's entry into World War I, Edgar Allan Poe's story "The Gold Bug" and the Sherlock Holmes story "The Adventure of the Dancing Men," the painter Auguste Herbin's "Alphabet Plastique," and jazz musician Rudrish Mahanthappa's recording "Codebook." (Received September 20, 2010)