**Captions for Supplementary Figures**

**Supplementary Figure 1.** Martha Story, “United States,” ca. 1820s. Story’s map typifies the national maps made in the 1810s and 1820s, particularly the attention to penmanship and the effort to replicate the appearance of published maps. (Map courtesy of the MacLean Map Collection.)

**Supplementary Figure 2.** Thomas Nye, detail from “A Map of Massachusetts,” 1834. Thomas Nye’s map reminds us that boys were exposed to penmanship as well as girls.

(Courtesy of American Antiquarian Society.)

**Supplementary Figure 3.** Emily Hill, detail from “A Map of the United States of America,” 1820.Emily Hill carefully practiced different styles of calligraphy, and paid close attention to borders and river systems. (Courtesy of Osher Map Library, University of Southern Maine, [http://www.oshermaps.org/search/zoom.php?no=2398#img0](http://www.oshermaps.org/search/zoom.php?no=2398%23img0).)

**Supplementary Figure 4.** “The Comets,” fromFrances A. Henshaw’s *Book of Penmanship*, 1823. The angled text of Henshaw’s penmanship journal typifies the exercise of arranging information to improve memory. (Courtesy of David Rumsey Map Collection, Stanford University.)

**Supplementary Figure 5.** Connecticut from Harriet E. Baker’s *Book of Penmanship and Maps*, 1819. (Courtesy David Rumsey Map Collection, Stanford University.) Baker’s extraordinary care to design and color approximates the look of engraving in her map of Connecticut.

**Supplementary Figure 6.** Virginia word map, from Frances A. Henshaw’s *Book of Penmanship*, 1823. (Courtesy of David Rumsey Map Collection, Stanford University.)

**Supplementary Figure 7.** Title page from Eleazer Huntington, *An Introduction to the Art of Penmanship* (Hartford, CT: self-published, 1816).

Caption for Figure 6 and 7: The cherub sketch indicates that Frances Henshaw was working directly from Huntington’s penmanship text when working her geography journal. Notice also Henshaw’s description is arranged geographically, “bounding” Virginia on all sides.