

Chapter 3 footnotes with hyperlinks

The footnotes from Chapter 3 are listed below and hyperlinked (when possible) to the references cited.

Many of the documents cited are freely available. National Research Council reports such as *Adding It Up* can be read on-line. They can be downloaded without charge as can documents from the Conference Board of the Mathematical Sciences and the Council of Chief State School Officers. In some cases, cited portions of documents can be seen via Google Books.

Mathematics education research journal articles are likely to require a subscription. At many academic institutions, these journals will be accessible via institutional subscription. Attempts to access a JSTOR link without such a subscription will get the response “Cannot download the information you requested.”

1. The recommendations for teacher preparation in this report are formulated in terms of courses and semester-hours, but this is not meant to exclude other ways of awarding credit or organizing teacher education. For example, collegiate institutions that do not follow a semester system with most courses earning 3 credit-hours will need to adapt these recommendations accordingly.
2. [Lesson study](#) is a process in which teachers jointly plan, observe, analyze, and refine actual classroom lessons. [Math teachers' circles](#) focus primarily on giving teachers an experience to be learners and doers of mathematics. See the web resources for further information and examples.
3. See Recommendation 13 of [National Task Force on Teacher Education in Physics: Report Synopsis](#), American Association of Physics Teachers, the American Physical Society, & the American Institute of Physics, 2010.
4. In the 2005 CBMS survey, special courses for K–8 teachers were offered by 11% of Ph.D.-granting and 33% of M.A.-granting statistics departments. Less than 0.5% of statistics departments surveyed reported that special sections of regular courses were designated for K–8 teachers. See [Table SP.3](#).
5. For an overview, see [Key State Education Policies on PK–12 Education: 2008](#), Council of Chief State School Officers, p. 22.